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SUMMARY OF RESERVOIR SEDIMENT DEPOSITION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

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Miscellaneous Publication No. 964

Agricultural Research Service
U.S. DEPARTMENT OF AGRICULTURE

In Cooperation With

The Subcommittee on Sedimentation
Inter-Agency Committee on Water Resources

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U. S. Department of Agriculture Miscellaneous Publication No. 964

SUMMARY OF RESERVOIR SEDIMENT DEPOSITION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

Compiled by
James A. Spraberry
USDA Sedimentation Laboratory, Oxford, Miss.
and prepared for publication by the
Agricultural Research Service
Department of Agriculture
Under the auspices of
Subcommittee on Sedimentation, Inter-Agency
Committee on Water Resources
Acting in behalf of the following
participating agencies:

DEPARTMENT OF AGRICULTURE
- Agricultural Research Service
- Forest Service
- Soil Conservation Service

DEPARTMENT OF THE ARMY
- Corps of Engineers

DEPARTMENT OF COMMERCE
- Bureau of Public Roads
- Coast and Geodetic Survey

DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
- Public Health Service

DEPARTMENT OF THE INTERIOR
- Bureau of Mines
- Bureau of Reclamation
- Geological Survey

DEPARTMENT OF LABOR

FEDERAL POWER COMMISSION

TENNESSEE VALLEY AUTHORITY

Washington, D. C. Issued May 1964

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Inter-Agency Work Group on Sedimentation in Reservoirs

L. C. Gottschalk	Soil Conservation Service
R. L. Hobba	Forest Service
B. L. Hobbs	Corps of Engineers
C. R. Miller	Agricultural Research Service
W. G. Munson	Bureau of Reclamation
J. Smallshaw	Tennessee Valley Authority
R. B. Vice	Geological Survey

ACKNOWLEDGMENT

Field and office personnel in many Federal, State, and local agencies made the engineering surveys and provided the individual data sheets summarized in this publication and contained in the appendix. Their efforts are gratefully acknowledged. The Agricultural Research Service, U.S. Department of Agriculture, compiled the data for the summary table.

This publication supersedes and updates Bulletin No. 6, "Summary of Reservoir Sedimentation Surveys Made in the United States Through 1953," published in 1957, which was produced also under the auspices of the Subcommittee on Sedimentation, Inter-Agency Committee on Water Resources.

SUMMARY OF RESERVOIR SEDIMENT DEPOSITION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

This bulletin, together with the appendix, is a summary of the data from all known reliable reservoir sedimentation surveys made in the United States through 1960. It supersedes Sedimentation Bulletin No. 6 published in April 1957.[1] All reservoir surveys reported in Bulletin No. 6 have been repeated in this bulletin. In addition, this bulletin includes surveys made prior to 1953 but not included in Bulletin No. 6 and new data on reservoirs that have been surveyed or resurveyed since 1953. Data have been summarized for 1,069 reservoirs. These reservoirs are located in 48 States and Puerto Rico. No surveys have been reported for Florida and Maine. In addition to the data on storage reservoirs and stock ponds, some information is included on debris basins.

The appendix, from which the data were extracted and summarized, contains detailed information about each of the reservoir surveys listed in the summary tables. The appendix is not being distributed to all recipients of this bulletin, because of its bulk and because its detailed information is not of general interest. However, copies of the appendix are available for inspection in the offices of the agencies represented on the Subcommittee on Sedimentation. Reprints of data sheets for specific reservoirs may be obtained on request from the Director, USDA Sedimentation Laboratory, U.S. Department of Agriculture, Oxford, Miss. Requests for information not contained in this bulletin or in the appendix should be directed to the appropriate agency.

The form of presentation of the detailed information contained in the appendix is given on pages 57 and 58. (Reservoir Sediment Data Summary sheets are inserted after the example.) The survey data vary in relative accuracy. The surveys range from reconnaissance measurements of depth of deposition at a few locations in a reservoir to detailed surveys based on closely spaced cross sections or complete contour mapping. No classification of relative accuracy has been attempted in this bulletin.

The information in this bulletin and in the appendix should prove useful to those in public and private practice who are concerned with problems of sedimentation. Private engineers, engineering firms, and local government agencies who have data on similar reservoir surveys are invited to make this information available to the Subcommittee for inclusion in supplements to this bulletin.

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[1] "Summary of Reservoir Sedimentation Surveys Made in the United States Through 1953," prepared under the auspices of Subcommittee on Sedimentation, Inter-Agency Committee on Water Resources, compiled by the Corps of Engineers, Department of the Army, and prepared for publication by the Geological Survey, Department of the Interior, April 1957.

EXPLANATION OF THE SUMMARY TABLE

Data in the summary table of this bulletin have been obtained from the reservoir sedimentation survey data sheets contained in the appendix.

Reservoirs are grouped according to the 79 drainage areas into which the United States has been divided as shown in the publication, "River Basin Maps Showing Hydrologic Stations," compiled under the auspices of the Subcommittee on Hydrology, Federal Inter-Agency River Basin Committee. An index map of these drainage areas is shown on page 61. The drainage areas in which the reservoirs are located are shown as subheadings in the summary table. The first of the two numbers identifying a reservoir indicates the drainage basin in which it is located. The second number denotes the particular reservoir in the drainage area and is based upon the order in which the data were prepared. These numbers are the same as those identifying the corresponding survey data sheets in the appendix. When a survey data sheet is revised or when another sheet is prepared with information for additional surveys, the identification number is modified by the addition of letter beginning with a; for example 13-2, 13-2a, 13-2b, etc. Dashes in columns of the table signify unavailability of data or that the column is not applicable for the reservoir.

Total drainage area includes the reservoir area and the area lying above all upstream dams but generally excludes noncontributing drainage areas lying within the basin boundary. Where available, the drainage area figure published by the U. S. Geological Survey in Water-Supply Papers is used in most instances. The net drainage area is the net sediment-contributing area and excludes the reservoir area and the drainage areas above the upstream reservoirs, which are effective sediment traps.

The first date shown usually corresponds to the beginning of storage when sediment deposition begins. In other cases the initial date represents the date of the contour or range survey made after the reservoir had been in operation for some time; most of these cases are clarified by explanatory footnotes.

The storage capacity is the total storage below the level of the crest of an ungated spillway or the top of gates (less gate-height freeboard, if any) of gated spillways.

The capacity-watershed ratio (c/w) is derived from the foregoing storage capacity and the entire flow-contributing drainage area. A dash is shown if upstream reservoirs that have a c/w ratio of more than 25 acre-feet per square mile control more than 25 percent of the drainage area.

The specific weight of deposited sediment is an average or weighted value for the reservoir, determined generally from samples of deposits. In view of the variations with depth and location within the reservoir, specific weight is generally an approximation for the reservoir. The entry is marked by an asterisk where the specific weight is assumed or is calculated from field data of the size-frequency grading of the deposits.

The rate of sediment accumulation pertains to sediment deposited in the reservoir below the full-pool elevation but does not include the sediment deposited in deltas above full-pool level or sediment discharged from the reservoir. It was assumed that all of the deposited sediment was transported into the reservoir by flowing water.

The agency supplying data is shown in the last column of the table. This agency either has the basic data available or has access to it through cooperative arrangements. The symbols used in this column apply to the following agencies:

ARS	-	Agricultural Research Service	ODW	-	Ohio Department Natural Resources--Division of Water
BR	-	Bureau of Reclamation	SCS	-	Soil Conservation Service
CE	-	Corps of Engineers	TVA	-	Tennessee Valley Authority
FS	-	Forest Service			
GS	-	Geological Survey			
IWS	-	Illinois State Water Survey			

FORM FOR REPORTING RESERVOIR SEDIMENTATION

On pages 57 and 58 of this bulletin is a completed sample of the reservoir sedimentation data sheet from the appendix. This sheet is a convenient and standard form for reporting results of reservoir surveys. An invitation is extended herewith to readers, particularly those practicing engineering individually, in engineering firms, or in local government agencies, to prepare sheets covering surveys known to them but not included in this bulletin. A blank "Reservoir Sedimentation Data" sheet is enclosed as a tear sheet of this bulletin (pp. 59-60). Additional data sheets may be obtained from the department offices listed on the title page or the form may be reproduced if desired. The completed forms may be sent to any one of the agencies represented on the Subcommittee on Sedimentation for inclusion in supplements to this bulletin.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			ST. JOHN MACHIAS, PENOBSCOT, KENNEBEC, ANDROSCROGGIN, AND PRESUMPSCOT RIVER BASIN										
1-													
			HOUSATONIC, CONNECTICUT, THAMES, AND MERRIMACK RIVER BASIN										
2-1	Broad Brook	Broad Brook River	Broad Brook, Conn	5.13	--	-- 1916	--	3,706	722	--	--	--	SCS
	do	do	do	--	--	Sept. 1951	35	3,652	712	*50	0.33	359.4	
2-2	Mountain Street	Trib. of Beaver Branch	Greenfield, Mass	.8	--	-- 1905	--	1,074.2	1,342.8	--	--	--	SCS
	do	do	do	--	--	Sept. 1951	46	1,056.1	1,320.1	*50	.56	609.8	
2-3	Plants Pond	Eightmile Run	Plantsville, Conn	15.76	--	Nov. 1850	--	105.0	6.7	--	--	--	SCS
	do	do	do	--	--	Sept. 1951	101	84.8	5.4	*50	.01	10.9	
2-4	Southington Reservoir	Budd River	Southington, Conn	1.08	--	-- 1883	--	321.8	298.0	--	--	--	SCS
	do	do	do	--	--	Sept. 1951	68	314.0	290.7	*50	.10	108.9	
2-5	Wallingford	Pine River	Wallingford, Conn	8.98	--	-- 1941	--	433.4	48.3	--	--	--	SCS
	do	do	do	--	--	Sept. 1951	10	430.0	47.9	*50	.04	43.6	
2-6	West Whately	Avery Branch	West Whately, Mass	9.0	--	-- 1902	--	76.7	8.5	--	--	--	SCS
	do	do	do	--	--	Sept. 1951	49	71.2	7.9	*50	.012	13.07	
2-7	Westfield	Moose Mountain Branch	Westfield, Mass	2.52	--	-- 1874	--	564.6	230.0	--	--	--	SCS
	do	do	do	--	--	Sept. 1951	77	546.8	222.0	*50	.094	102.4	
			HUDSON RIVER BASIN AND ST. LAWRENCE DRAINAGE IN NEW YORK										
3-1	Schoharie (Gilboa Dam)	Schoharie Creek	Prattsville, N. Y.	314	312.3	Aug. 1926	--	63,821	203	--	--	--	SCS
	do	do	do	--	--	May 1950	23.8	62,702	200	*60	[1] 0.166	[1] 217	
3-2	Englishtown Pond	Weamaconk Creek	Englishtown, N. J.	7.2	7.19	-- 1755	--	42.3	5.87	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	200	13.5	1.88	*60	.02	26.14	
3-3	Carnegie Lake	Millstone River	Princeton, N. J.	155	47.8	Dec. 1907	--	1,256	26.28	--	--	--	SCS
	do	do	do	--	--	Sept. 1950	42.8	954	19.96	*50	.20	217.8	
	do	do	do	--	--	-- [2]1959	9.0	[2] 822	--	--	.20	--	
3-4	Wappinger	Wappinger Creek	Wappinger Falls, N. Y.	197	--	-- 1900	--	604.4	3.1	--	--	--	SCS
	do	do	do	--	--	July 1952	52	461.6	2.3	*50	.01	10.89	
			SUSQUEHANNA AND DELAWARE RIVER BASINS										
4-1a	Loch Raven Reservoir	Gunpowder Falls River	Towson, Md	303	[3] 219.4	-- 1914	--	[4] 70,169	[4] 231	--	--	[3] 808	SCS
	do	do	do	--	--	Oct. 1943	29	[4] 64,813	[4] 214	*60	[1] 0.618	808	
	do	do	do	--	--	June 1961	18	64,072	211	57.3	.187	233	
4-2a	Prettyboy	do	Hereford, Md.	80	77.5	Apr. 1933	--	60,979	762	--	--	--	SCS
	do	do	do	--	--	Oct. 1943	10.5	[4] 60,410	755	*60	.699	913	
	do	do	do	--	--	Sept. 1961	18	59,864	748	64.2	.391	547	
4-3	Griffin	Griffin Creek (Legget)	Scranton, Pa.	3.21	3.04	-- 1888	--	1,991	620	--	--	--	SCS
	do	do	do	--	--	May 1941	53	1,953	608	--	.237	--	
4-4	Elmhurst	Roaring Brook	do	34.85	34.55	-- 1890	--	3,746	108	--	--	--	SCS
	do	do	do	--	--	May 1941	51	3,686	106	--	.034	--	
4-5	Lake Williams	Codorus Creek	York, Pa.	42.9	42.6	-- 1912	--	2,686	62.6	--	--	--	SCS
	do	do	do	--	--	Apr. 1939	27	2,232	52.1	49.1	.394	421	
4-6	Williams Bridge	Stafford Meadow Brook	Scranton, Pa.	5.0	4.94	-- 1893	--	1,051	210	--	--	--	SCS
	do	do	do	--	--	May 1941	48	1,046	209	--	.022	--	
4-7	Atkisson	Winters Run	Belair, Md.	45.46	45.35	May 1942	--	896	19.7	--	--	--	SCS
	do	do	do	--	--	May 1954	12	705	15.5	*60	.351	459	
4-8	Pelto Dam	Dean Creek	Spencer, N. Y.	.30	.30	July 1955	--	2.23	7.43	--	--	--	SCS
	do	do	do	--	--	Aug. 1957	2	2.09	6.96	--	.233	--	
4-9	Pylkas Dam	do	do	1.1	1.1	July 1955	--	6.61	6.1	--	--	--	SCS
	do	do	do	--	--	Aug. 1957	2	6.0	5.45	--	.272	--	
4-10	Columbia Dam	Paulins Kill River	Columbia, N. J.	171	171	July 1937	--	311.77	1.82	--	--	--	SCS
	do	do	do	--	--	July 1957	20	244.19	1.42	*64	.02	28	

4-11	Old Glatfelter Res	W. Br. Codorus Creek	Spring Grove, Pa.	74.3	--	--	1884	--	147.2	1.98	--	--	--	SCS
	do	do	do	--	--	Apr.	1939	55	10.0	.13	--	.034	--	
4-12	Palingtown Reservoir	Powder Creek	do	2.91	2.90	--	1937	--	63.0	21.56	--	--	--	SCS
	do	do	do	--	--	Apr.	1939	1.6	59.9	20.58	33.2	.669	483	
4-13	Lake Rushford	Caneadea Creek	Caneadea, N. Y.	60.7	--	--	1925	--	28,000	461.3	--	--	--	SCS
	do	do	do	--	--	Oct.	1951	26	27,426	451.8	*60	.37	484	
4-14	Icedale	Brandywine W. Br.	Coatsville, Pa.	20.0	--	--	1900	--	137	6.8	--	--	--	SCS
	do	do	do	--	--	July	1951	51	106	5.3	*50	.03	33	
4-15	Coatsville	Rock Run	do	5.0	--	--	1916	--	1,019	203.8	--	--	--	SCS
	do	do	do	--	--	July	1951	35	970	194.0	*50	.28	305	
				POTOMAC, RAPPAHANNOCK, YORK, AND JAMES RIVER BASINS										
5-1a	Lake Barcroft	Trib. of Potomac River	Falls Church, Va.	14.5	14.3	Jan.	1915	--	[5] 1,847	127	--	--	--	SCS
	do	do	do	--	--	Feb.	1938	23.1	1,762	122	*60	0.257	336	
	do	do	do	--	--	Aug.	1957	19.5	[6] 2,092	144	*60	.728	950	
5-2	Pedlar	Pedlar River	Oronoco, Va.	33.21	33.07	Feb.	1907	--	1,860	56	--	--	--	SCS
	do	do	do	--	--	Feb.	1938	31	1,723	52	--	.134	--	
5-3	Burnt Mills	N. W. Br. Anacostia River	Silver Spring, Md.	27.0	26.97	May	1930	--	181	6.70	--	--	--	SCS
	do	do	do	--	--	Mar.	1938	7.8	95	3.52	*60	.408	533	
5-4a	Greenbelt Lake	Trib. of Indian Creek	Greenbelt, Md.	.83	.79	July	1936	--	196	236	--	--	--	SCS
	do	do	do	--	--	Feb.	1938	1.6	186	224	*60	7.91	10,337	
	do	do	do	--	--	Aug.	1957	19.5	151	182	*60	2.16	2,823	
5-5a	Staunton	North River	Staunton, Va.	25	25	Dec.	1925	--	385	15.4	--	--	--	SCS
	do	do	do	--	--	Jan.	1940	14	373	14.9	--	.034	--	
	do	do	do	--	--	June	1957	17.5	350	14.0	--	.053	--	
5-6	Jackson	Occoquan Creek	Manassas, Va.	337	336.4	July	1930	--	4,500	13.4	--	--	--	SCS
	do	do	do	--	--	Aug.	1947	7.2	4,158	12.3	*60	.141	184	
5-7a	Tridelphia L (Brighton D)	Patuxent River	Ashton, Md.	81.4	80.08	June	1942	--	20,222	248	--	--	--	SCS
	do	do	do	--	--	Oct.	1950	8.3	20,089	247	*50	.20	218	
	do	do	do	--	--	Sept.	1958	7.9	19,633	241	*50	.71	773	
5-8	Gordon Lake	Evitts Creek	Cumberland, Md.	64	74	Sept.	1913	--	3,129	48.9	--	--	--	SCS
	do	do	do	--	--	Apr.	1940	26.6	3,004	46.9	--	[8] .090	--	
5-9	Thomas W. Koon Lake	do	do	60	59.6	Mar.	1932	--	7,312	122	--	--	--	SCS
	do	do	do	--	--	Apr.	1940	8.1	7,294	122	--	.036	--	
5-10	Savage River Dam	Savage River	Bloomington, Md.	105.0	104.44	Mar.	1952	--	20,300	193.0	--	--	--	SCS
	do	do	do	--	--	Mar.	1956	4.0	20,020	191.0	*60	.643	840	
				CHOWAN, ROANOKE, TAR, NEUSE, AND CAPE FEAR RIVER BASINS										
6-1	Lake Apex	Swift Creek	Apex, N. C.	--	--	--	1925	--	106	26.5	--	--	--	SCS
	do	do	do	4.0	4.0	June	1941	16	94	23.5	--	0.19	--	
6-2	Franklinton	Sallie Keaney Creek	Franklinton, N. C.	--	--	Jan.	1925	--	34.7	30.7	--	--	--	SCS
	do	do	do	1.13	1.12	May	1938	13.3	27.3	24.2	67	[9] .509	743	
6-3	Greensboro (L. Brandt)	Reddy Fork	Greensboro, N. C.	74.1	73.4	Feb.	1923	--	2,870	38.7	--	--	--	SCS
	do	do	do	--	--	Aug.	1934	11.5	2,610	35.2	*60	.308	402	
6-4	Highpoint	Deep River	Highpoint, N. C.	62.8	62.3	Jan.	1928	--	4,354	69.3	--	--	--	SCS
	do	do	do	--	--	Aug.	1934	6.5	4,135	65.8	50.6	.541	596	
	do	do	do	--	--	Apr.	1938	3.75	4,038	64.3	--	.416	458	
6-5	Lake Michie	Flat River	Durham, N. C.	167.5	166.7	Apr.	1926	--	12,671	75.6	--	--	--	SCS
	do	do	do	--	--	Jan.	1935	8.75	12,276	73.3	--	.271	--	
6-6	Sanford City	Lick Creek	Sanford, N. C.	3.75	3.73	Feb.	1927	--	103	27.5	--	--	--	SCS
	do	do	do	--	--	June	1941	14.33	95	25.3	--	.150	--	
6-7	University Lake	Morgan Creek	Chapel Hill, N. C.	30.6	30.3	June	1932	--	1,915	62.6	--	--	--	SCS
	do	do	do	--	--	Apr.	1935	2.9	1,851	60.5	--	.728	--	
6-8	Roxboro City Lake	Satterfield Creek	Roxboro, N. C.	7.62	7.52	Apr.	1924	--	531.2	69.7	--	--	--	SCS
	do	do	do	--	--	June	1941	17.2	460.3	60.4	--	.548	--	
	do	do	do	--	--	Nov.	1946	5.4	448.4	58.8	--	[10] .342	--	
6-9	Burlington Municipal	Stony Creek	Burlington, N. C.	105.2	105.0	June	1928	--	1,488	14.1	--	--	--	SCS
	do	do	do	--	--	May	1938	10.0	1,325	12.6	63	.155	213	
	do	do	do	--	--	Sept.	1949	11.3	1,202	11.4	--	.104	143	

[1] Includes estimated 112 acre-feet passing through Shandaken Tunnel.
[2] Partial survey covering segments 1-14 in Stoney Brook Arm only.
[3] Net sediment contributing area was 299.4 sq. mi. until 1933 when Prettyboy Dam was completed. This area was used in the 1943 calculations.
[4] Revised after 1961 survey.
[5] Based on original spillway crest elevation 205 feet m.s.l.
[6] Based on spillway crest elevation 210 feet m.s.l. and estimated capacity of 2,380 acre-feet resulting from 1942 addition to top of dam.
[7] Koon Lake, upstream, was built in 1932.
[8] Based on total sediment in both Gordon Lake and Koon Lake.
[9] Based on total of 7.4 acre-feet of sediment remaining in reservoir; 0.2 acre-foot of sand removed in 1933.
[10] Excluding 2.04 acre-feet of sediment dredged from lake in March 1942.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY		PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET							AC. FT.	TONS	
			CHOWAN, ROANOKE, TAR, NEUSE, AND CAPE FEAR RIVER BASINS--Continued											
6-10a	Walnut Cove	Dan River	Walnut Cove, N. C.	397	397	--	1923	--	[1] 974	2.45	--	--	--	SCS
	-----do	-----do	-----do	--	--	Apr.	1932	[2] 9	[1] 209	.53	[2] *43	.257	[3] 241	
6-11	John H. Kerr	Roanoke River	South Hill, Va.	7,800	7,391	July	1952	--	2,808,400	360.0	--	--	--	CE
	-----do	-----do	-----do	--	--	Dec.	1959	7.9	2,750,349	352.6	32.6	1.06	754	
6-12	Philpott	Smith River	Bassett, Va.	212	185.7	Dec.	1951	--	201,500	950	--	--	--	CE
	-----do	-----do	-----do	--	--	Nov.	1960	8.9	198,000	934	46.2	2.08	2,103	
			PEE DEE, SANTEE, AND EDISTO RIVER BASINS											
7-1	Chester	Sandy River	Chester, S. C.	16.05	15.92	Nov.	1926	--	682	42	--	--	--	SCS
	-----do	-----do	-----do	--	--	Oct.	1937	11	585	36	--	0.55	--	
7-2	Lancaster	Turkey Quarter Creek	Lancaster, S. C.	9.40	9.34	Feb.	1925	--	242	25.7	--	--	--	SCS
	-----do	-----do	-----do	--	--	June	1938	13.4	190	20.2	65.3	.417	593	
7-3	Spartanburg Municipal	South Pacolet River	Fingerville, S. C.	91.33	90.8	May	1926	--	3,506	38.4	--	--	--	SCS
	-----do	-----do	-----do	--	--	July	1934	8.2	3,199	35.0	--	.412	--	
	-----do	-----do	-----do	--	--	Mar.	1947	12.7	2,891	31.7	--	.268	--	
7-4	Appalachie	South Tyger River	Greer, S. C.	63.0	62.8	--	1904	--	2,500	40.0	--	--	--	SCS
	-----do	-----do	-----do	--	--	July	1934	30	1,600	25.0	--	.48	--	
7-5	Albemarle City Lake	Long Creek	Albemarle, N. C.	33.0	32.5	Feb.	1924	--	1,070	32.4	--	--	--	SCS
	-----do	-----do	-----do	--	--	Aug.	1939	15.5	918	27.8	--	.302	--	
7-6	Cannon Lake	Buffalo Creek	Kannapolis, N. C.	18.0	17.7	July	1939	--	2,600	144	--	--	--	SCS
	-----do	-----do	-----do	--	--	June	1941	1.9	2,574	143	--	.774	--	
7-7	Lake Concord	Chambers & Rose Branch	-----do	4.7	4.54	Mar.	1925	--	1,201	256	--	--	--	SCS
	-----do	-----do	-----do	--	--	May	1935	10.2	1,122	239	--	1.71	--	
7-8	Entwhistle No. 3	Hitchcock Creek	Roberdell, N. C.	168.0	[4] 18.0	--	1892	--	184	1.10	--	--	--	SCS
	-----do	-----do	-----do	--	--	Mar.	1940	48.0	163	.97	--	.024	--	
7-9	Eury	Little River	Troy, N. C.	269	269	--	1915	--	1,104	4.10	--	--	--	SCS
	-----do	-----do	-----do	--	--	Mar.	1940	25.0	976	3.63	--	.019	--	
7-10	High Rock	Yadkin River	Salisbury, N. C.	3,930	3,863	Nov.	1927	--	289,432	73.6	--	--	--	SCS
	-----do	-----do	-----do	--	--	Aug.	1935	7.8	275,516	70.1	--	.462	--	
7-11	Lake Lee	Richardson Creek	Monroe, N. C.	50.50	50.34	Apr.	1927	--	821	16.3	--	--	--	SCS
	-----do	-----do	-----do	--	--	June	1938	11.1	652	12.9	61.8	.302	406	
7-12	Pee Dee Mfg. Co.	Hitchcock Creek	Rockingham, N. C.	176	[4] 25	--	1874	--	464	2.64	--	--	--	SCS
	-----do	-----do	-----do	--	--	Mar.	1940	66	404	2.29	--	.036	--	
7-13	Salem	Salem Creek	Winston-Salem, N. C.	27.68	27.26	Nov.	1919	--	3,099	112.0	--	--	--	SCS
	-----do	-----do	-----do	--	--	Sept.	1939	19.8	2,860	103.0	38.0	.444	367	
7-14	Norwood L. (Tillery)	Pee Dee River	Mt. Gilead, N. C.	4,600	[5] 431	July	1928	--	136,823	30	--	--	--	SCS
	-----do	-----do	-----do	--	--	Mar.	1940	11.75	133,300	29	--	.696	--	
7-15	Lexington	Leonards Creek	Lexington, N. C.	6.75	6.66	Aug.	1935	--	462	68.4	--	--	--	SCS
	-----do	-----do	-----do	--	--	Apr.	1940	4.6	441	65.3	45.5	.692	685	
	-----do	-----do	-----do	--	--	May	1951	11.1	419	62.1	*45.5	.299	296	
			SAVANNAH, OGEECHEE, AND ALTAMAHA RIVER BASINS											
8-1	Lake Issaqueena	Six Mile Creek	Clemson, S. C.	14.02	--	June	1938	--	1,836	131	--	--	--	SCS
	-----do	-----do	-----do	--	13.84	Apr.	1941	2.9	1,748	125	49.82	2.22	2,410	
	-----do	-----do	-----do	--	13.86	Oct.	1949	8.5	1,626	116	50.9	1.03	1,140	
8-2	Lloyd Shoals	Ocmulgee River	Jackson, Ga.	1,414	1,407	Dec.	1910	--	112,538	79.6	--	--	--	SCS
	-----do	-----do	-----do	--	--	Mar.	1935	24.3	98,578	69.7	*60	.408	533	
8-3	North Fork Broad No. 2.	Denman's Creek	Toccoa, Ga.	.74	.72	Jan.	1956	--	213.5	288.5	--	--	--	SCS
	-----do	-----do	-----do	--	--	June	1959	3.4	211.7	286.1	84	.735	1,042	
8-4	North Fork Broad No. 6.	Bear Creek	Mize, Ga.	3.62	3.48	July	1956	--	862.5	238.3	--	--	--	SCS
	-----do	-----do	-----do	--	--	June	1959	2.92	852.2	235.4	84	1.014	1,523	
8-5	North Fork Broad No. 11	Tom's Creek	Eastonollee, Ga.	3.79	3.65	July	1956	--	929.8	245	--	--	--	SCS
	-----do	-----do	-----do	--	--	June	1959	2.9	915.0	241	81	1.40	1,999	
			SATILLA, ST. MARYS, ST. JOHNS, AND SUWANNEE RIVER BASINS											

SOUTHERN FLORIDA DRAINAGE

10-1

APALACHICOLA AND OCHLOCKONEE RIVER BASINS

11-1	Newnan	Bolton Mill Creek	Newnan, Ga.	1.39	1.34	June	1924	--	384	276	--	--	--	SCS
	do	do	do	--	--	Nov.	1937	13.4	358	258	*50	1.45	1,580	
	do	do	do	--	--	Feb.	1945	7.3	354	255	--	.41	446	
11-2	Sky Lake	Trib. of Chickamauga Creek	Helen, Ga.	2.34	2.31	June	1925	--	218.4	93.3	--	--	--	SCS
	do	do	do	--	--	May	1956	31	176.6	75.5	67	.58	846	

CHOCTAWHATCHEE, YELLOW, ESCAMBIA, AND ALAMBA RIVER BASINS

12-1	Sequoyah	Small Branches	Jasper, Ga.	1.60	1.51	July	1929	--	890	556	--	--	--	SCS
	do	do	do	--	--	July	1939	10.0	865	541	--	1.56	--	
12-2	White Manganese No. 6	Pettit Creek	Cartersville, Ga.	12.46	[6] 11.0	Oct.	1929	--	1,021	31.9	--	--	--	SCS
	do	do	do	--	--	Nov.	1938	9.2	900	72.2	[7] 63.7	[7] 1.20	[7] 1,660	
12-3	Lake Auburn	Town Creek (Trib. of)	Auburn, Ala.	1.6	1.6	Feb.	1931	--	102	63.8	--	--	--	SCS
	do	do	do	--	--	June	1937	6.3	95	59.4	--	.66	--	
12-4	Lay	Coosa River	Clanton, Ala.	9,087	9,076.5	Dec.	1913	--	156,525	17.2	--	--	--	SCS
	do	do	do	--	--	May	1936	22.3	138,520	15.2	--	.089	--	
12-5	Lake Purdy	Little Cahaba River	Birmingham, Ala.	41.74	40.22	Sept.	1910	--	19,080	457	--	--	--	SCS
	do	do	do	--	--	Nov.	1935	25.2	18,594	445	--	.479	--	
12-6	Carroll Lake	Curtis Creek	Carrollton, Ga.	7.45	7.18	Oct.	1948	--	1,448.0	194	--	--	--	SCS
	do	do	do	--	--	May	1957	8.5	1,325.4	178	42.5	2.0	1,851	
12-7	Temple Reservoir	Webster Branch	Temple, Ga.	.63	.61	June	1954	--	65.5	104	--	--	--	SCS
	do	do	do	--	--	May	1957	3	60.5	96	44.2	2.74	2,638	

TOMBIGBEE, PASCAGOULA, AND PEARL RIVER BASINS

13-1	Bay View	Village Creek	Birmingham, Ala.	72.3	71.6	May	1911	--	11,866	164	--	--	--	SCS
	do	do	do	--	--	Dec.	1935	24.6	9,514	132	--	1.34	--	
13-2a	Lake Harris	Yellow Creek	Tuscaloosa, Ala.	30.0	29.8	Feb.	1929	--	2,421	80.7	--	--	--	SCS
						Nov.	1935	6.75	2,373	79.1	--	.239	--	
						Aug.	1953	17.75	[8] 2,636	87.9	59.9	.110	144	

LOWER MISSISSIPPI RIVER BASIN (NATCHEZ TO THE MOUTH)
Calcasieu, Mermentau, and Vermilion River Basins

14-

LOWER MISSISSIPPI RIVER BASINS (HELENA TO NATCHEZ)
Yazoo, Big Black, and Ouachita River Basins

15-1	Lake Hamilton	Ouachita River	Hot Springs, Ark.	1,421	1,413.4	Dec.	1930	--	156,345	110	--	--	--	SCS
	do	do	do	--	--	May	1950	19.4	153,279	108	*50	0.11	120	
15-2	Lake Winona	Alum Fork Saline River	Little Rock, Ark.	43.0	41.3	Oct.	1937	--	34,533	803	--	--	--	SCS
	do	do	do	--	--	May	1950	12.6	34,340	799	*50	.37	403	
15-3	O. P. White Pond	Trib. of Chewalla Creek	Holly Springs, Miss.	.0097	.0089	Oct.	1947	--	1.46	150	--	--	--	SCS
	do	do	do	--	--	Jan.	1951	3.3	1.07	111	63.65	13.1	18,200	
15-4	B. H. Honnesucker Pond	Trib. of Coldwater River	Slayden, Miss.	.0625	.0597	Jan.	1947	--	12.0	192	--	--	--	SCS
	do	do	do	--	--	Jan.	1951	4.0	8.35	134	60.09	[7] 15.3	[7] 20,000	
15-5	C. S. Hurdle Pond	do	do	.244	.234	Dec.	1946	--	36.4	149	--	--	--	SCS
	do	do	do	--	--	Jan.	1951	4.1	29.0	119	62.9	[7] 7.78	[7] 10,700	
15-6	Agnes Jones Pond	do	Holly Springs, Miss.	.0478	.0451	Oct.	1946	--	8.80	184	--	--	--	SCS
	do	do	do	--	--	Jan.	1951	4.3	6.40	134	62.27	[7] 12.4	[7] 18,200	
15-7	Lee Johnson Pond	Trib. of Red Banks Creek	do	.0833	.0784	Sept.	1948	--	17.8	214	--	--	--	SCS
	do	do	do	--	--	Jan.	1951	2.3	14.8	178	76.13	16.6	27,500	
15-8	P. T. McAlexander	Trib. of Coldwater River	do	.0139	.0128	Aug.	1942	--	2.46	177	--	--	--	SCS
	do	do	do	--	--	Jan.	1951	8.5	1.11	79.9	84.24	[7] 12.4	[7] 22,800	
15-9	Lake Shahkoka	Trib. of Camp Creek	Olive Branch, Miss.	.4153	.3663	Jan.	1934	--	306	737	--	--	--	SCS
	do	do	do	--	--	Feb.	1951	17.0	256	616	61.65	[7] 8.03	[7] 10,800	
15-10	Lake Woodland	do	do	.5045	.4797	Feb.	1945	--	94	186	--	--	--	SCS
	do	do	do	--	--	Feb.	1951	6.0	78.1	155	39.9	5.52	4,800	
15-11	C. L. Patton Pond	Trib. of Red Banks Creek	Warsaw, Miss.	.1019	.0954	Feb.	1942	--	15.9	156	--	--	--	SCS
	do	do	do	--	--	Feb.	1951	9.0	12.1	119	66.8	4.48	6,520	

[1] All reservoir volumes computed by average end areas.
[2] Assume storage depletion occurred in 9 years, see H. D. 65, 75th Congress, 1st Session ("308" report).
[3] Above crest deposits included.
[4] Ledbetter's Dam upstream.
[5] Narrows upstream.
[6] Drainage area above Reservoir No. 3 excluded.
[7] Values based on below crest deposits; values for above crest deposits are given in appendix summaries.
[8] With 5-foot flashboards added in 1947.
* Estimated or assumed.

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SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			LOWER MISSISSIPPI RIVER BASINS (HELENA TO NATCHEZ) Yazoo, Big Black, and Ouachita River Basins (Continued)										
15-12	G. B. Langston, Jr., P.	Trib. of Red Banks Creek	Warsaw, Miss.	0.0156	0.116	Feb. 1916	--	12.3	788	--	--	--	SCS
	do	do	do	--	--	Feb. 1951	35.0	9.66	619	63.3	[1] 6.55	[1] 9,040	
15-13	Fletcher Hurdle P. (N)	Trib. of Byhalia Creek	Victoria, Miss.	.0406	.0389	Feb. 1947	--	4.61	114	--	--	--	SCS
	do	do	do	--	--	Feb. 1951	4.0	2.67	65.8	63.0	[1] 12.5	[1] 17,100	
15-14	Fletcher Hurdle P. (S)	do	do	.0297	.0279	Feb. 1947	--	5.48	185	--	--	--	SCS
	do	do	do	--	--	Feb. 1951	4.0	3.61	122	83.1	16.8	[1] 30,400	
15-15	C. C. Stevenson Pond	Trib. of Cuffawa Creek	Holly Springs, Miss.	.0342	.0320	Aug. 1948	--	6.47	189	--	--	--	SCS
	do	do	do	--	--	Feb. 1951	2.7	4.23	124	78.8	26.0	44,600	
15-16	Cayoso Lake	Trib. of Mississippi River	Horn Lake, Miss.	.2196	.2047	Feb. 1942	--	58.7	267	--	--	--	SCS
	do	do	do	--	--	Feb. 1951	9.0	53.0	241	51.85	3.13	3,530	
15-17	Ben O. Pettis Pond	Trib. of Toby Tubby Creek	Oxford, Miss.	.0075	.0067	Feb. 1916	--	1.63	217	--	--	--	SCS
	do	do	do	--	--	Feb. 1951	35.0	1.07	143	58.72	[1] 2.39	[1] 3,060	
15-18	C. D. Williams Pond	Trib. of Hudson Creek	do	.0450	.0418	Mar. 1928	--	9.93	221	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	23.0	6.70	149	55.72	[1] 3.35	[1] 4,070	
15-19	R. X. Williams	Trib. of Yocona River	Taylor, Miss.	.0239	.0210	Sept. 1946	--	4.48	187	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	4.5	2.54	106	47.74	20.5	21,300	
15-20	Henry W. Ramsey Pond	Trib. of Sarter Creek	Oxford, Miss.	.1375	.1289	Jan. 1933	--	31.0	225	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	18.2	24.9	181	41.75	2.61	2,370	
15-21	Dr. Bramlett Pond	Trib. of Pumpkin Creek	do	.8672	.8131	Jan. 1937	--	227	262	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	14.2	214	247	*37	1.12	913	
15-22	A. S. Kyle Pond	Trib. of Tallahatchie River	Batesville, Miss.	.0456	.0398	Mar. 1945	--	17.4	382	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	6.0	16.6	364	52.04	3.14	3,560	
15-23	Ben P. Smith Pond	Trib. of Pigeon Roost C.	Holly Springs, Miss.	.0278	.0264	July 1947	--	3.77	136	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	3.7	3.29	118	67.58	[1] 4.89	[1] 7,200	
15-24	A. L. Rodman Pond	Trib. of Arkabutla Creek	Arkabutla, Miss.	.1563	.1458	Sept. 1945	--	30.5	195	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	5.5	29.0	186	*50	1.95	2,120	
15-25	Charles Dockery Pond	Trib. of Hurricane Creek	Eudora, Miss.	.0644	.0566	Jan. 1946	--	23.0	357	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	5.2	22.0	342	*44	3.60	3,420	
15-26a	Arkabutla	Coldwater River	Arkabutla, Miss.	1,000	948	Apr. 1939[2]	--	525,300	525	--	--	--	CE
	do	do	do	--	--	Aug. 1941[3]	--	--	--	--	--	--	
	do	do	do	--	--	Dec. 1947[4]	6.3	521,540	522	--	.630	--	
	do	do	do	--	--	Aug. 1951[5]	3.7	29,500	--	--	--	--	
15-27	W. W. Murphy Pond	Trib. of Jones Creek	Holly Springs, Miss.	.21	.20	Nov. 1953	--	22.7	108	--	--	--	ARS
	do	do	do	--	--	May 1956	2.5	19.7	92	90	[6] 8.5	11,761.20	
	do	do	do	--	--	Sept. 1959	3.3	17.8	85	90	[6] 3.85	5,586.6	
15-28	Powerline Dam	East Goose Creek	Oxford, Miss.	.50	.47	Apr. 1953	--	31.08	62.16	--	--	--	ARS
	do	do	do	--	--	May 1955	2.1	26.80	53.60	66	[6] 5.74	6,239.0	
	do	do	do	--	--	Aug. 1958	3.4	21.88	43.76	70	[6] 5.96	4,833.0	
	do	do	do	--	--	June 1960	1.66	20.34	40.86	70	[6] 5.72	3,018.7	
15-29	Andrew Smith Pond	Trib. of Jones Creek	Holly Springs, Miss.	.325	.30	Nov. 1953	--	22.7	70	--	--	--	ARS
	do	do	do	--	--	May 1956	2.5	18.8	58	90	[6] 6.20	10,193.0	
	do	do	do	--	--	Sept. 1959	3.3	17.7	54	90	[6] 2.10	2,156.2	
15-30	Sardis	Little Tallahatchie River	Sardis, Miss.	1,545	1,454	Mar. 1937[2]	--	1,569,900	1,016	--	--	--	CE
	do	do	do	--	--	Oct. 1939[3]	--	--	--	--	--	--	
	do	do	do	--	--	Sept. 1943[7]	4.0	--	--	--	--	--	
	do	do	do	--	--	Nov. 1953[8]	10.1	--	--	--	--	--	
	do	do	do	--	--	May 1960	6.6	1,543,500	999	*60	.878	1,147	
			LOWER MISSISSIPPI RIVER BASIN (CHESTER TO HELENA) St. Francis River Basin										
16-1	Grisham	Lost Creek	Bismark, Mo.	0.46	0.45	Oct. 1930	--	24.05	52.3	--	--	--	SCS
	do	do	do	--	--	July 1939	8.8	19.56	42.5	75.4	[1] 1.133	[1] 1,860	
16-2	Mountain Lake	Trib. of Rings Creek	Patterson, Mo.	1.90	1.87	-- 1927	--	87.7	46.2	--	--	--	SCS
	do	do	do	--	--	July 1939	12	82.9	43.6	54.8	.213	254	
16-3	Shepherd Mountain	Trib. of Stouts Creek	Ironton, Mo.	3.99	3.96	-- 1929	--	171	42.9	--	--	--	SCS
	do	do	do	--	--	July 1939	10	158	39.5	64	.338	471	

16-4	Loch Mary	Brown Creek	Earlington, Ky.	3.81	3.65	--	1888	--	1,228	322	--	--	--	SCS
	do	do	do	--	--	Dec.	1908[9]	20	1,184	311	*60	.600	784	
16-5	Carbondale	Piles Fork	Carbondale, Ill.	3.00	2.77	Aug.	1926	--	1,386	462	--	--	--	IWS
	do	do	do	--	--	Sept.	1948	22.1	1,193	398	73.9	3.15	5,070	
16-6	Dering Coal Co. Pond	Trib. of Wolf Creek	Eldorado, Ill.	.219	.206	--	1919	--	89.3	408	--	--	--	IWS
	do	do	do	--	--	Oct.	1949	30	73.0	333	*76	2.64	4,370	
16-7	Eldorado	Wolf Creek	do	2.23	1.87	Oct.	1920	--	844.4	378	--	--	--	IWS
	do	do	do	--	--	Oct.	1949	29	726.0	326	*67	2.18	3,180	
16-8	West Frankfort	Tilley Creek	West Frankfort, Ill.	4.03	3.75	Aug.	1926	--	1,608.4	399	--	--	--	IWS
	do	do	do	--	--	Sept.	1936	10.1	1,515.0	376	--	2.46	--	
	do	do	do	--	--	July	1949	12.8	1,487.8	369	--	.933	--	
16-9	Pineview (Lower)	South Fork Jonaca Creek	Farmington, Mo.	.63	.07	--	1932	--	8.9	13.9	--	--	--	IWS
	do	do	do	--	--	--	1939	7	8.2	12.8	*60	1.43	1,870	
16-10	Pineview (Middle)	do	do	.56	.06	--	1930	--	30.9	55	--	--	--	IWS
	do	do	do	--	--	--	1939	9	29.1	52	--	3.3	4,310	
16-11	Pineview (Upper)	do	do	.49	.48	--	1928	--	8.2	16.7	--	--	--	IWS
	do	do	do	--	--	--	1938[10]	10	5.4	11.0	*65	.583	825	
16-12	Killarnay	Big Creek	Annapolis, Mo.	51	51	--	1910	--	818	16	--	--	--	IWS
	do	do	do	--	--	--	1939	29	622	12	*60	.133	174	
16-13	Wappapello	St. Francis River	Poplar Bluff, Mo.	1,310	1,206	July	1940	--	625,000	477	--	--	--	IWS
	do	do	do	--	--	July	1947	7.0	624,651	477	--	.0414	--	
16-14a	Lake Miller	Casey Fork	Mt. Vernon, Ill.	4.65	4.43	Feb.	1944	--	1,746	375	--	--	--	IWS
	do	do	do	--	--	June	1960	16.3	1,659	356	34.0	1.20	888	
16-15	Flucks Lake	do	Marion, Ill.	.339	.316	--	1919	--	58.1	171	--	--	--	IWS
	do	do	do	--	--	--	1951[11]	32	46.8	138	56.6	1.11	1,368	
16-16	Baker's Lake	do	do	.26	.25	--	1937	--	24.0	92	--	--	--	IWS
	do	do	do	--	--	Aug.	1951	14	21.7	84	36.8	.64	512	
16-17	Crab Orchard Lake	Crab Orchard Creek	Carbondale, Ill.	171	160	May	1940	--	67,320	394	--	--	--	IWS
	do	do	do	--	--	July	1951	11.2	63,894	374	47.5	1.91	1,976	
16-18	Marion	Limb Branch	Marion, Ill.	6.5	6.31	--	1921	--	705	108	--	--	--	IWS
	do	do	do	--	--	July	1951	30	590	91	34.5	.61	458	
16-19	Little Grassy Lake	Little Grassy	Carbondale, Ill.	15.7	14.2	Mar.	1942	--	25,741	1,640	--	--	--	IWS
	do	do	do	--	--	July	1951[11]	9.3	25,365	1,616	38.7	2.85	2,402	
16-20	Herrin Reservoir No. 1	do	Herrin, Ill.	1.78	1.70	--	1913	--	199	112	--	--	--	IWS
	do	do	do	--	--	--	1951[11]	38	178	100	27.5	.32	192	
16-21	Knights of Pythias Lake	do	Marion, Ill.	.33	.32	Dec.	1925	--	74.6	226	--	--	--	IWS
	do	do	do	--	--	Aug.	1951[11]	25.7	64.7	196	62.9	1.22	1,671	
16-22	Lake Ashley	Trib. of Muddy River	Ashley, Ill.	1.24	1.22	--	1941	--	150	121	--	--	--	IWS
	do	do	do	--	--	Aug.	1954	14	138	111	44.5	.69	814	
16-23	Christopher	Trib. of King Creek	Christopher, Ill.	.925	.858	--	1925	--	383.94	415.07	--	--	--	IWS
	do	do	do	--	--	July	1960	35	353.59	382.26	37.1	1.01	816.1	
16-24	Lake DuQuoin	Reese Creek	DuQuoin, Ill.	10.73	10.35	--	1937	--	2,003	184	--	--	--	IWS
	do	do	do	--	--	July	1957	20	1,870	174	38.3	.64	534	
16-25	W. F. Farrell	Trib. of Harper Creek	Mt. Vernon, Ill.	.519	.512	--	1945	--	35.56	68.52	--	--	--	IWS
	do	do	do	--	--	June	1960	15	27.41	52.81	51.5	1.06	1,189	
16-26	ICRR at Thompsonville	Trib. of Ewing Creek	Thompsonville, Ill.	1.799	1.725	--	1926	--	352.44	307	--	--	--	IWS
	do	do	do	--	--	Aug.	1960	34	300.63	167	48.7	.880	934	
16-27	Lake Johnston City	Lake Creek	Johnston City, Ill.	3.85	3.75	--	1922	--	471	122	--	--	--	IWS
	do	do	do	--	--	Aug.	1957	35	394	105	48.3	.59	620	
16-28	Valier Outing Club	Andy Creek	Valier, Ill.	2.47	2.37	--	1922	--	369	149.4	--	--	--	IWS
	do	do	do	--	--	Aug.	1957	35	320	129.6	41.17	.59	530	
16-29	West Frankfort (New)	Stevens Creek	West Frankfort, Ill.	7.622	7.288	--	1945	--	2,654.7	348.29	--	--	--	IWS
	do	do	do	--	--	July	1960	15	2,390.9	313.68	35.9	2.41	1,884.4	

OHIO RIVER BASIN (MADISON TO UNIONTOWN)

Wabash River Basin

17-1	Huntingburg (Upper)	Trib. of Patoka River	Huntingburg, Ind.	0.67	0.63	July	1894	--	137	204	--	--	--	SCS
	do	do	do	--	--	Oct.	1940	46.3	119	178	*40	0.617	538	
17-2	Oakland City No. 2	S. Fork Patoka River	Oakland City, Ind.	.54	.40	--	1921	--	1,025	1,898	--	--	--	SCS
	do	do	do	--	--	Sept.	1940	19.0	1,010	1,870	*40	1.97	1,720	
17-3	Shaefer Lake	Tippecanoe River	Monticello, Ind.	1,700	1,698	June	1923	--	14,722	8.66	--	--	--	SCS
	do	do	do	--	--	Aug.	1940	17.2	14,041	8.26	*75	.023	38	

[1] Values based on below crest deposits; values above crest deposits are given in appendix summaries.
[2] Reservoir area survey.
[3] Survey establishing reservoir silt range.
[4] First resurvey of reservoir silt ranges.
[5] Resurvey of conservation pool only when pool was dewatered for manipulation of fish species.
[6] Sediment within original flow line of reservoir and above permanent pool.
[7] Resurvey under adverse field conditions; however, study indicated negligible silting.
[8] Survey indicated insufficient deposits to compute amounts.
[9] Spillway crest raised from 439 feet m.s.l. to 441.77 feet m.s.l., in April, 1943. All data computed on basis of 441.77 feet at spillway elevation.
[10] Net sediment volume in 1949. The 93.3 acre-feet of sediment deposited prior to 1936 had compacted, due to exposure to 75.7 acre-feet.
[11] Reconnaissance survey.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
17-4	Spring Mill	Mill Creek	Mitchell, Ind.	15.03	[1] 5.29	Oct. 1938	--	178	11.8	--	--	--	SCS
	do	do	do	--	--	Sept. 1948	9.9	127	8.4	*67	0.975	1,420	
17-5	Greendale Lake	Connor's Branch	Xenia, Ill.	25.1	25.0	Aug. 1927	--	306	12.2	--	--	--	SCS
	do	do	do	--	--	Sept. 1940	13.1	260	10.4	*70	.140	213	
17-6	Ridge Lake	Trib. of Embarrass River	Charleston, Ill.	1.41	1.38	Apr. 1941	--	187.4	133	--	--	--	IWS
	do	do	do	--	--	Sept. 1947	6.4	171.9	122	72.4	1.75	2,760	
17-7	Vermillion Lake	N. Fork Vermillion River	Danville, Ill.	267	266	June 1915	--	8,643	[2] 32.4	--	--	--	SCS
	do	do	do	--	--	Oct. 1940	25.3	7,438	27.9	*70	.179	273	
17-8	Brown Park Lake	Trib. of Raccoon Creek	Flora, Ill.	1.34	1.33	-- 1938	--	49.08	36.63	--	--	--	TWS
	do	do	do	--	--	June 1959	21	37.75	28.17	58.6	.40	510.5	IWS
17-9	Craig & Davidson's Lake	do	Martinsville, Ill.	.465	.427	-- 1947	--	187.75	403.8	--	--	--	IWS
	do	do	do	--	--	June 1959	12	175.18	376.7	33.14	2.46	1,775.6	
17-10	Farina Lake	None	La Clede, Ill.	.538	.531	-- 1928	--	16.4	30.48	--	--	--	IWS
	do	do	do	--	--	Aug. 1958	30	13.3	24.72	61.94	.19	256.35	
17-11	Graham Lake	Trib. of Veale Creek	Washington, Ind.	.34	.31	Aug. 1950	--	104.8	308	--	--	--	SCS
	do	do	do	--	--	Aug. 1956	6	104.4	307	--	.218	--	
17-12	ICRR at Bluford	Fourmile Creek	Bluford, Ill.	3.353	3.199	-- 1926	--	607.67	200.00	--	--	--	IWS
	do	do	do	--	--	June 1960	34	609.70	181.84	43.5	.565	53.7	
17-13	Jones Pond	Trib. of Flat Creek	Otwell, Ind.	.034	.031	Oct. 1954	--	10.7	314	--	--	--	SCS
	do	do	do	--	--	Apr. 1956	1.5	10.6	312	--	2.10	--	
17-14	Olney Reservoir (New)	Trib. of East Fork	Olney, Ill.	3.36	3.15	Sept. 1954	--	1,555.3	463	--	--	--	IWS
	do	do	do	--	--	Aug. 1960	6.9	1,517.4	441	30.3	1.70	112	
17-15	Patterson Lake	Trib. of Dismal Creek	Edgewood, Ill.	.959	.912	-- 1926	--	316.75	330.3	--	--	--	IWS
	do	do	do	--	--	July 1959	33	281.09	293.1	48.54	1.18	1,247.5	
17-16	Plum Creek No. 15	Little Plum Creek	Taylorsville, Ky.	1.03	1.02	Sept. 1956	--	224.3	[3] 218	--	--	--	SCS
	do	do	do	--	--	Apr. 1959	2.5	219.6	[3] 213	45	1.87	2,030	
	do	do	do	--	--	Oct. 1960	1.5	213.2	[3] 207	53	4.12	3,200	
17-17	Plum Creek No. 17	Trib. of Little Plum Creek	do	.56	.55	Dec. 1956	--	126.3	[3] 226	--	--	--	SCS
	do	do	do	--	--	Apr. 1959	2.33	123.7	[3] 221	56	2.00	2,439	
	do	do	do	--	--	Oct. 1960	1.5	121.2	[3] 216	47	3.11	3,180	
17-18	Steiner Lake	Trib. of Pond Creek	Fairfield, Ill.	.308	.295	-- 1945	--	53.68	174.29	--	--	--	IWS
	do	do	do	--	--	June 1960	15	48.62	157.86	41.3	1.15	1,034.3	
17-19	Stevenson's Lake	Trib. of Kettering Branch	Martinville, Ill.	.342	.327	-- 1950	--	52.11	152.4	--	--	--	IWS
	do	do	do	--	--	June 1959	9	46.5	136.0	48.0	1.89	1,975.9	
17-20	Vevay Park Lake	Range Creek	Greenup, Ill.	.294	.278	-- 1906	--	67.41	229.3	--	--	--	IWS
	do	do	do	--	--	June 1959	53	54.50	185.4	47.61	.87	902.1	
			TENNESSEE RIVER BASIN (BELOW HALES BAR DAM) Cumberland and Green River Basins										
18-1	Radnor Lake	Other Creek	Nashville, Tenn.	2.1	2.0	Mar. 1915	--	1,313	625	--	--	--	SCS
	do	do	do	--	--	Nov. 1940	25.7	1,279	609	--	0.660	--	
18-2a	Lake Tandy	Little River	Hopkinsville, Ky.	6.10	6.00	-- 1907	--	769	126	--	--	--	SCS
	do	do	do	--	--	Jan. 1941	34	564	92	43	1.00	936	
	do	do	do	--	--	June 1959	18.5	509	83	43	.495	463	
18-3a	Great Falls	Caney Fork River	Rock Island, Tenn.	1,675	1,671	Sept. 1935	--	54,925	33	--	--	--	TVA
	do	do	do	--	--	Aug. 1947	12.0	52,370	31	*60	.127	166	
	do	do	do	--	--	Jan. 1954	6.4	51,836	31	*60	.050	65	
	do	do	do	--	--	Sept. 1960	6.6	51,591	31	*60	.022	29	
18-4b	Guntersville	Tennessee River	Guntersville, Ala.	24,450	2,550	Nov. 1940	--	1,097,380	--	--	--	--	TVA
	do	do	do	--	--	June 1947	6.6	1,080,897	--	*55	.979	1,173	
	do	do	do	--	--	May 1956	8.9	1,073,164	--	*55	.341	408	
	do	do	do	--	--	July 1961	--	--	--	--	--	--	
18-5b	Wheeler	do	Town Creek, Ala.	29,590	[4] 5,033	Oct. 1936	--	[5] 1,122,000	--	--	--	--	TVA
	do	do	do	--	--	June 1947	10.7	[5] 1,071,717	--	*55	([4])	([4])	
	do	do	do	--	--	May 1953	6.0	[6] 1,061,411	--	*55	.341	408	
	do	do	do	--	--	June 1956	3.0	1,061,005	--	*55	.027	32	
						July 1961	--	--	--	--	--	--	
18-6b	Wilson	do	Florence, Ala.	30,750	1,135	Dec. 1928	--	687,000	--	--	--	--	TVA
	do	do	do	--	--	Dec. 1931	3.0	674,000	--	*53	[7] .479	552.9	
	do	do	do	--	--	Dec. 1936	5.0	652,000	--	[8] *53	[7] .490	565.6	
	do	do	do	--	--	Sept. 1946	9.8	651,000	--	*53	[8] .120	138.5	
	do	do	do	--	--	June 1951	4.7	650,000	--	*53	[8] .120	138.5	

18-6b	Wilson	Tennessee River	Florence, Ala.	--	--	June 1956	5.0	648,000	--	*53	[8] .401	462.9	TVA
						Aug. 1961	--	--	--	--	--	--	
18-7b	Pickwick	-do	Pickwick, Tenn.	32,820	1,997	Feb. 1938	--	1,130,313	--	--	--	--	TVA
	-do	-do	-do	--	--	Sept. 1946	8.6	1,116,389	--	*53	.811	936	
	-do	-do	-do	--	--	June 1951	4.7	1,118,082	--	*53	[9]-.180	[9]-208	
	-do	-do	-do	--	--	June 1956	5.1	1,116,082	--	*53	.125	144	
						Aug. 1961	--	--	--	--	--	--	
18-8b	Kentucky	-do	Gilbertsville, Ky.	40,200	7,131	Aug. 1946	--	[5] 2,879,549	--	--	--	--	TVA
	-do	-do	-do	--	--	May 1951	4.7	[5] 2,885,440	--	*53	.719	830	
	-do	-do	-do	--	--	July 1956	5.2	[5] 2,814,388	--	*53	1.107	1,278	
						Oct. 1961	--	--	--	--	--	--	
18-9	Dale Hollow	Obey River	Celina, Tenn.	935	887	Apr. 1943	--	1,706,000	1,825	--	--	--	CE
	-do	-do	-do	--	--	June 1960	17.2	--	--	--	--	--	

OHIO RIVER BASIN (POINT PLEASANT TO MADISON)
Kanawha, Big Sandy, Licking, Kentucky, Scioto, and Miami River Basins

19-1	Lake Placid	Unnamed Stream	Lancaster, Ky.	0.20	0.20	Oct. 1902	--	114	570	--	--	--	SCS
	-do	-do	-do	--	--	Sept. 1941	38.9	95	475	--	[10] 2.50	--	
19-2	Radford	Little River	Radford, Va.	329	329	Aug. 1934	--	1,646	5.00	--	--	--	SCS
	-do	-do	-do	--	--	July 1944	10	1,018	3.09	*70	.191	291	
19-3	Englewood	Stillwater River	Dayton, Ohio	651	639	-- [11] 1927	--	312,000	479	--	--	--	SCS
	-do	-do	-do	--	--	-- 1942	15	311,648	479	77.5	.037	63	
19-4	Germantown	Twin Creek	Germantown, Ohio	270	264	-- [11] 1927	--	106,000	393	--	--	--	SCS
	-do	-do	-do	--	--	-- 1942	15	105,618	391	79.5	.097	168	
19-5a	Griggs	Scioto River	Columbus, Ohio	1,053	1,052	-- 1905	--	4,563	4.33	--	--	--	ODW
	-do	-do	-do	--	--	-- 1935	30	3,920	3.72	*65	.020	28.3	SCS
	-do	-do	-do	--	--	-- 1951	16	3,928	3.73	59.4	--	--	
19-6	Ohio Cons. Pond No. 73.	Blacklick Creek	-do	24	24	Nov. 1936	--	4.68	.20	--	--	--	SCS
	-do	-do	-do	--	--	June 1939	2.6	2.53	.11	--	.035	--	
19-7	Ohio Cons. Pond No. 74.	-do	-do	23	23	Jan. 1937	--	1.04	.45	--	--	--	SCS
	-do	-do	-do	--	--	Nov. 1939	2.8	.52	.23	--	.008	--	
19-8a	Lake White	Pee Dee Creek	Waverly, Ohio	37.4	36.9	Oct. 1935	--	3,734	99.8	--	--	--	SCS
	-do	-do	-do	--	--	Dec. 1947	12.0	3,338	89.3	--	.894	--	
	-do	-do	-do	--	--	Aug. 1951	4.0	3,706	99.1	68.0	1.73	--	
19-9	Herrington Lake	Dix River	Harrodsburg, Ky.	437	431	Oct. 1925	--	258,949	593	--	--	--	SCS
	-do	-do	-do	--	--	Oct. 1941	16	255,706	585	--	.471	--	
19-10	Walton	Bank Lick Creek	Walton, Ky.	.25	.24	-- 1931	--	128	512	--	--	--	SCS
	-do	-do	-do	--	--	-- 1937	6	122	488	*50	4.46	4,860	
19-11	Williamstown	Grassy Creek	Williamstown, Ky.	.47	.47	-- 1930	--	113	240	--	--	--	SCS
	-do	-do	-do	--	--	-- 1937	7	106	226	--	2.13	--	
19-12	Byllesby	New River	Byllesby, Va.	1,310	1,310	Aug. 1912	--	8,892	6.79	--	--	--	SCS
	-do	-do	-do	--	--	May 1936	23.66	3,538	2.70	--	[12] .184	--	
19-13a	O'Shaughnessy	Scioto River	Dublin, Ohio	988	987	Fall 1925	--	16,673	16.9	--	--	--	ODW
	-do	-do	-do	--	--	[13] 1934	9	15,604	15.8	*65	.121	171	
	-do	-do	-do	--	--	[14] 1942	8	14,538	14.7	*65	.135	181	
	-do	-do	-do	--	--	July 1951	9	14,162	14.3	44.2	.063	60.5	
19-14	Decker Lake	Patterson Run	Piqua, Ohio	2.33	2.30	-- 1940	--	115	49	--	--	--	ODW
	-do	-do	-do	--	--	June 1950	10	84	36	51.91	.913	1,032	
19-15a	Madison Lake	Deer Creek	London, Ohio	57.2	57.0	-- 1946	--	594.0	10.4	--	--	--	ODW
	-do	-do	-do	--	--	June 1949	2.6	530.2	9.3	49.0	.43	459	
	-do	-do	-do	--	--	June 1951	2.0	511.0	9.0	45.9	.17	70	
	-do	-do	-do	--	--	June 1954	3.0	486.7	8.5	49.9	.14	52	
19-16	Grant Lake	Sterling Run	Mt. Orab, Ohio	25.25	24.96	Dec. 1948	--	1,190	47	--	--	--	ODW
	-do	-do	-do	--	--	July 1950	1.6	1,161	46	86.6	.722	1,361	
19-17	Caldwell Lake	Trib. of Stony Creek	Waverly, Ohio	1.02	1.00	-- 1937	--	88	86	--	--	--	ODW
	-do	-do	-do	--	--	Sept. 1949	12	85	83	*60	.253	331	
19-18	Stewart Lake	-do	Chillicothe, Ohio	.31	.30	-- 1939	--	74	239	--	--	--	ODW
	-do	-do	-do	--	--	Sept. 1951	12.3	71	229	*60	.87	1,137	
19-19	Pine Lake	Tar Hollow Creek	Gillespieville, Ohio	2.42	2.40	-- 1938	--	134	55	--	--	--	ODW
	-do	-do	-do	--	--	Aug. 1950	11.7	123	51	68.93	.396	595	
19-20a	Kiser Lake	Mosquito Creek	St. Paris, Ohio	8.73	8.14	Jan. 1940	--	3,331	382	--	--	--	ODW
	-do	-do	-do	--	--	Jan. 1950	10.5	3,126	358	*50	2.40	2,614	
	-do	-do	-do	--	--	-- 1954	4.0	3,040	348	39.7	2.64	2,283	
19-21	Eversole Run (Trib. arm of O'Shaughnessy Res.)	Eversole Run Ev	Dublin, Ohio	13.8	13.7	-- 1925	--	384	28	--	--	--	ODW

[1] The noncontributing drainage area is chiefly closed or plugged limestone sinkholes.
[2] In July 1925. In June 1915, spillway elevation was 5 feet lower and c/w ration was 4.6.
[3] Values based on emergency spillway crest elevation.
[4] Guntersville Dam closed Jan. 16, 1939, reducing sediment contributing area to 5,033 sq. mi.
[5] Excluding diked areas.
[6] 1953 survey revised.
[7] Used drainage area below Hales Bar Dam (8,935 sq. mi.)
[8] Sediment contributing area reduced by closing Wheeler Dam on Oct. 3, 1936, to 1,135 sq. mi.
[9] Indicates scour-treated as negative sediment.
[10] Includes sediment dredged 1930 amounting to 61 percent of tabulated valves.
[11] Year survey ranges were established.
[12] Based on total sediment in Washington Mill, Buck Byllesby, Fields Reservoir; total drainage 1,320 sq. mi.
[13] September - November 1934.
[14] September - December 1942.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			OHIO RIVER BASIN (POINT PLEASANT TO MADISON)--Continued Kanawha, Big Sandy, Licking, Kentucky, Scioto, and Miami River Basins										
19-21	Eversole Run (Trib. arm of O'Shaughnessy Res.)	Eversole Run	Dublin, Ohio	--	--	--	1951	26	[1] 295	[1] 22	55.5	0.25	302	ODW
19-22	Allen Lake	Trib. of Silver Creek	Kenton, Ohio	0.50	0.50	--	1938	--	12	24	--	--	--	ODW
	do	do	do	--	--	Aug.	1951	13	10	20	52.6	.26	298	
19-23	Sylvan Lake (Lower)	Trib. of Beaver Creek	Vienna, Ohio	1.85	1.39	--	1947	--	275	149	--	--	--	ODW
	do	do	do	--	--	Aug.	1951	3.8	261	141	44.8	2.73	2,664	
19-24	Sylvan Lake (Upper)	do	do	.40	.38	--	1948	--	63	158	--	--	--	ODW
	do	do	do	--	--	Aug.	1951	2.8	59	147	*45	3.53	3,460	
19-25	Hosterman Lake	Trib. of Mad River	Springfield, Ohio	1.59	1.58	Nov.	1938	--	83	52	--	--	--	ODW
	do	do	do	--	--	Aug.	1951	12.7	75	47	66.2	.38	548	
19-26	Reynolds Pond	Trib. of Barren Creek	Bidwell, Ohio	.70	.70	--	1940	--	18	26	--	--	--	ODW
	do	do	do	--	--	Aug.	1950	10	15	21	57.4	.441	551	
19-27	Mt. Gilead Lake (Upper)	Sams Creek	Mt. Gilead, Ohio	8.55	[2] 5.50	--	1930	--	28	3.27	--	--	--	ODW
	do	do	do	--	--	Oct.	1948	18	24	2.81	*60	.039	51	
19-28	Schott Pond	Trib. of Big Walnut Creek	Westerville, Ohio	.82	.82	--	1921	--	7.3	9	--	--	--	ODW
	do	do	do	--	--	Aug.	1951	30	4.8	6	57.1	.10	124	
19-29	Lake Alma	Trib. of Raccoon Creek	Wellston, Ohio	.81	.70	--	1901	--	774	956	--	--	--	ODW
	do	do	do	--	--	Sept.	1951	50	774	919	55.5	.84	1,015	
19-30	Maple Grove Lake	Sams Creek	Mt. Gilead, Ohio	3.05	3.04	--	1932	--	28.1	9.21	--	--	--	ODW
	do	do	do	--	--	Sept.	1949	17	23.9	7.84	83.2	.079	143	
19-31	Pond Lick Lake	Pond Lick Run	Friendship, Ohio	2.54	2.53	--	1938	--	48	19	--	--	--	ODW
	do	do	do	--	--	July	1950	12.3	39	15	58.8	.277	355	
19-32	Wolfden Lake	Wolfden Run	do	.60	.60	--	1936	--	25.4	42.3	--	--	--	ODW
	do	do	do	--	--	July	1950	14.3	23.1	38.5	59.92	.272	355	
19-33	Bear Lake	Left Fork Bear Creek	do	.48	.47	--	1937	--	33	68.8	--	--	--	ODW
	do	do	do	--	--	July	1950	15.3	32	66.6	67.02	.194	283	
19-34	McBride Lake	Trib. of Pond Run	do	.61	.61	--	1937	--	13	21.3	--	--	--	ODW
	do	do	do	--	--	July	1950	13.3	11	18.0	34.01	.225	167	
19-35	Roosevelt Lake	Turkey Creek	do	16.38	15.76	--	1935	--	101	6.17	--	--	--	ODW
	do	do	do	--	--	July	1950	15.3	67	4.09	61.0	.140	186	
19-36	Adams Lake	Lick Creek	West Union, Ohio	4.45	4.39	--	1947	--	318	71	--	--	--	ODW
	do	do	do	--	--	July	1950	3.5	304	68	53.24	.895	1,038	
19-37	Vesuvius Lake	Storms Creek	Ironton, Ohio	10.9	10.7	--	1937	--	1,553	142	--	--	--	ODW
	do	do	do	--	--	June	1949	12	1,463	134	*54.0	.697	820	
	do	do	do	--	--	July	1952	3	1,463	134	54.0	.019	22	
19-38	Pike Lake	Richardson Hollow of Morgan Fork.	Bainbridge, Ohio	3.44	3.42	--	1937	--	[3] 91.4	27	--	--	--	ODW
	do	do	do	--	--	Aug.	1950	13	[3] 86.5	25	40.2	[4] .11	[4] 96.3	
19-39	Upper Hocking No. 2	Hunters Run	Lancaster, Ohio	1.87	1.87	Apr.	1956	--	56.98	30.47	--	--	--	SCS
	do	do	do	--	--	June	1961	5.0	51.02	27.28	68.237	.637	946.711	
19-40	Jackson Lake	Black Fork River	Oak Hill, Ohio	18.8	18.4	--	1940	--	*1,700	90.0	--	--	--	ODW
	do	do	do	--	--	--	1951	11	*1,590	84.0	*60.0	.54	705	
19-41	Loramine Lake	Loramine Creek	Ft. Loramine, Ohio	78.7	77.4	--	1840	--	4,115	50.09	--	--	--	ODW
	do	do	do	--	--	--	1960	120	3,115	39.6	*65	.11	156	
19-42	Sharon Woods Reservoir	Sharon Creek	Sharonville, Ohio	4.88	4.82	--	1937	--	289	59.22	--	--	--	ODW
	do	do	do	--	--	--	1942	2.3	274.9	56.33	*70	1.27	1,936.0	
	do	do	do	--	--	--	1945	3.6	232.5	47.64	*70	2.44	3,034.0	
	do	do	do	--	--	--	1949	4.0	206.5	42.32	*70	1.38	2,653.0	
19-43	Cowan Lake	Cowan Creek	Wilmington, Ohio	49.6	48.5	--	1947	--	13,305	268	--	--	--	ODW
	do	do	do	--	--	--	1960	13	12,770	257	*50	.847	923	
19-44	Hargus Lake	Hargus Creek	Circleville, Ohio	6.60	6.40	--	1956	--	2,926	443	--	--	--	ODW
	do	do	do	--	--	--	1960	4	2,892	438	*50	1.33	1,450	
19-45	Hillsboro	Trib. of Clear Creek	Hillsboro, Ohio	.73	.69	--	1946	--	279.9	384	--	--	--	ODW
	do	do	do	--	--	--	1955	9	271.4	372	*40	1.36	1,190	
19-46	Delaware	Olentangy River	Delaware, Ohio	381	379	Mar.	1951	--	132,000	346	--	--	--	CE
	do	do	do	--	--	May	1960	9.25	[5] 131,483	[5] 345	*65	.1475	208	

20-1a	South Holston	South Fork Holston River	Bristol, Tenn.	703	691	Nov. 1950	--	659,688	938	--	--	--	TVA
	do	do	do	--	--	June 1958	7.6	658,404	937	*55	0.245	293.5	
20-2a	Watauga	Watauga River	Hampton, Tenn.	468	458	Dec. 1948	--	572,600	1,224	--	--	--	TVA
	do	do	do	--	--	Mar. 1953	4.3	571,402	1,221	*55	.609	730	
	do	do	do	--	--	Apr. 1958	5.0	570,010	1,218	*55	.607	727	
20-3a	Boone	South Fork Holston River	Kingsport, Tenn.	1,840	662	Dec. 1952	--	196,668	--	--	--	--	TVA
	do	do	do	--	--	June 1958	5.5	195,633	--	*55	.284	340	
20-4a	Fort Patrick Henry	do	do	1,903	62	Oct. 1953	--	27,110	--	--	--	--	TVA
	do	do	do	--	--	June 1959	5.6	26,945	--	*55	.468	561	
20-5b	Cherokee	Holston River	Jefferson City, Tenn.	3,428	[6] 1,477	Dec. 1941	--	1,559,570	455	--	--	--	TVA
	do	do	do	--	--	Apr. 1949	7.4	1,550,932	453	*55	.340	407	
	do	do	do	--	--	Apr. 1954	5.0	1,547,776	([6])	*55	([6])	([6])	
	do	do	do	--	--	June 1959	5.1	1,545,960	--	*55	.241	289	
20-6b	Nolichucky	Nolichucky River	Greeneville, Tenn.	1,183	1,182	-- 1913	--	[7] 3,100	--	--	--	--	TVA
	do	do	do	--	--	-- 1925	12	[7] 21,750	18	--	--	--	
	do	do	do	--	--	Feb. 1938	12.5	14,450	12	50	.252	274	
	do	do	do	--	--	Apr. 1947	9.2	12,010	10	*50	.224	245	
	do	do	do	--	--	May 1953	6.1	9,850	8	*50	.299	326	
	do	do	do	--	--	Oct. 1958	5.4	7,760	7	*50	.327	357	
20-7a	Douglas	French Broad River	Sevierville, Tenn.	4,541	2,854	Feb. 1943	--	1,511,883	--	--	--	--	TVA
	do	do	do	--	--	July 1949	6.4	1,496,712	--	*55	.830	994	
	do	do	do	--	--	May 1955	5.8	1,500,870	--	*55	[8] -.251	[8] -301	
	do	do	do	--	--	June 1960	5.1	1,489,978	--	*55	.748	895	
20-8b	Fort Loudoun	Tennessee River	Lenoir City, Tenn.	9,550	1,556	Nov. 1946	--	400,945	--	--	--	--	TVA
	do	do	do	--	--	June 1951	4.6	399,414	--	*55	.214	256	
	do	do	do	--	--	Apr. 1956	4.8	398,060	--	*55	.181	217	
20-9	Thorpe	W. Fk. Tuckasegee River	Glenville, N. C.	36.7	34.4	Sept. 1950	--	71,110	--	--	--	--	TVA
20-10	Nantahala	Nantahala River	Aquone, N. C.	91	88	Sept. 1950	--	137,300	--	--	--	--	TVA
20-11a	Fontana	Little Tennessee River	Fontana, N. C.	1,571	1,426	Nov. 1944	--	1,455,062	--	--	--	--	TVA
	do	do	do	--	--	Mar. 1950	5.4	1,452,385	--	*55	.348	416.9	
	do	do	do	--	--	Sept. 1954	4.5	1,450,646	--	*55	.271	324.6	
	do	do	do	--	--	June 1959	4.7	1,448,311	--	*55	.349	418.1	
20-12	Cheoah	do	Tapoco, N. C.	1,608	1,607	Dec. 1918	--	44,030	27	--	--	--	TVA
	do	do	do	--	--	Sept. 1930	11.8	39,030	24	*55	.264	316	
	do	do	do	--	--	Aug. 1941	10.9	35,030	22	--	.228	273	
20-13	Caryville	Cove Creek	Caryville, Tenn.	36.0	35.6	Nov. 1936	--	1,700	[9] 47	--	--	--	TVA
	do	do	do	--	--	Nov. 1938	2.0	1,640	46	62	.842	1,137	
	do	do	do	--	--	Jan. 1947	8.2	1,553	43	--	.309	417	
20-14a	Norris	Clinch River	Norris, Tenn.	2,912	2,823	Mar. 1936	--	2,060,630	708	--	--	--	TVA
	do	do	do	--	--	June 1946	10.3	2,051,418	704	*55	.317	379.7	
	do	do	do	--	--	June 1954	8.0	2,046,588	703	*55	.214	256.2	
						Aug. 1960	--	--	--	--	--	--	
20-15b	Watts Bar	Tennessee River	Spring City, Tenn.	17,310	2,925	Oct. 1946	--	1,195,229	--	--	--	--	TVA
	do	do	do	--	--	June 1951	4.7	[10] 1,193,106	--	*55	.155	186	
	do	do	do	--	--	Apr. 1956	4.8	1,183,735	--	*55	.667	799	
20-16a	Chatuge	Hiwassee River	Hayesville, N. C.	189	178	Feb. 1942	--	242,325	1,282	--	--	--	TVA
	do	do	do	--	--	Aug. 1949	7.5	242,032	1,281	*55	.219	262.3	
	do	do	do	--	--	Aug. 1954	5.0	241,502	1,278	*55	.595	712.8	
	do	do	do	--	--	Sept. 1960	6.0	240,999	1,275	*55	.472	565.4	
20-17a	Nottely	Nottely River	Blairsville, Ga.	214	207	Jan. 1942	--	176,521	825	--	--	--	TVA
	do	do	do	--	--	Aug. 1949	7.6	175,865	822	*55	.415	497.1	
	do	do	do	--	--	Apr. 1955	5.7	174,969	818	*55	.758	908.0	
						May 1961	--	--	--	--	--	--	
20-18a	Hiwassee	Hiwassee River	Murphy , N. C.	968	[11] 539	Feb. 1940	--	439,741	--	--	--	--	TVA
	do	do	do	--	--	Aug. 1947	7.5	436,009	--	*55	--	--	
	do	do	do	--	--	May 1953	5.8	435,686	--	*55	.104	125	
	do	do	do	--	--	June 1958	5.0	434,243	--	*55	.536	642	
20-19a	Apalachia	do	Farner, Tenn.	1,018	48	Feb. 1943	--	58,312	--	--	--	--	TVA
	do	do	do	--	--	Aug. 1950	7.5	57,979	--	*55	.938	1,124	
	do	do	do	--	--	Sept. 1960	10.1	57,550	--	*55	.883	1,058	
20-20a	Blue Ridge	Toccoa River	Blue Ridge, Ga.	232	232	Apr. 1944	--	197,427	851	--	--	--	TVA
	do	do	do	--	--	Aug. 1949	5.3	196,080	845	*55	1,119	1,340.5	
	do	do	do	--	--	Aug. 1954	5.0	195,981	845	*55	.881	1,055.35	
	do	do	do	--	--	June 1959	4.8	196,522	847	*55	[8] -.498	[8] -596.55	
20-21b	Ocoee No. 3	Ocoee River	Ducktown, Tenn.	496	263	Aug. 1942	--	14,304	--	--	--	--	TVA
	do	do	do	--	--	July 1945	2.9	12,140	--	*64	[12] 2.11	[12] 2,947	

[1] For O'Shaughnessy, elevation = 847.89. For O'Shaughnessy elevation of 845, the corresponding capacity is for 405 and the c/w ratio is 29.
[2] 1932 correction for Maple Grove.
[3] Reservoir drained and partially dredged during March and April 1949. Data on amount of material removed are unreliable. Actual amounts of sediment are probably 10 to 25 percent greater than indicated.
[4] Based on capacity at base of flood control pool (top of multiple use).
[5] For flood control pool; ranges were resurveyed to elevation 915; only a spot check was made for sediment accumulation above this elevation. Water has been stored to elevation 944.76. On 45 occasions, water has been stored above elevation 916; 17 were above elevation 920. There was no appreciable amount of sediment above elevation 915.
[6] Sediment contributing area reduced from 3,381 to 1,477 sq. mi. by closing of Watauga Dam on Dec. 1, 1948; South Holston on Nov. 20, 1950; Boone on Dec. 16, 1952; and Fort Patrick Henry on October 27, 1953. Area above Watauga included in 1949 survey as sediment contributing area.
[7] Original volume as of 1925 computed from probings obtained February 1938.
[8] Minus (-) indicates scour.
[9] Based on storage at top of flashboards.
[10] Revised due to error in previous calculations.
[11] Nottely Dam closed Jan. 24, 1942; Chatuge Dam closed Feb. 12, 1942.
[12] All values for this reservoir excluding 553 acre-feet (3.86 percent of reservoir capacity) flushed into reservoir in March 1944 by failure of small retention dam.
*Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			TENNESSEE RIVER BASIN (ABOVE HALES BAR DAM)--Continued										
20-21b	Ocoee No. 3	Ocoee River	Ducktown, Tenn.	--	--	Nov. 1946	1.3	11,349	---	*64.	2.31	3,223	TVA
	do	do	do	--	--	Aug. 1948	1.8	10,570	---	64	1.65	2,294	
	do	do	do	---	--	Aug. 1950	2.0	9,849	---	*64	1.37	1,914	
	do	do	do	--	--	July 1953	3.0	8,696	---	*64	1.46	2,035	
	do	do	do	--	--	Oct. 1955	2.1	8,042	--	*64	1,183	1,649	
	do	do	do	--	--	Oct. 1958	3.0	6,766	--	*64	1,616	2,253	
	do	do	do	--	--	Oct. 1960	2.0	5,920	--	*64	1,608	2,242	
	do	do	Parksville, Tenn.	595	[1] 96	Dec. 1911		[2] 109,200	--	--	--	--	TVA
20-22b	Ocoee No. 1	do	do	--	--	Oct. 1940	28.8	[3] 91,300	--	*64	--	--	
	do	do	do	--	--	Sept. 1949	8.9	[4] 86,737	--	*64	--	--	
	do	do	do	--	--	Aug. 1954	5.0	87,267	--	*64	[5] -1.10	[5] -1,533	
	do	do	do	--	--	June 1959	4.9	86,809	--	*64	.974	1,358	
20-23b	Chickamauga	Tennessee River	Chattannoga, Tenn.	20,790	[6] 1,805	Nov. 1940	--	746,951	--	--	--	--	TVA
	do	do	do	--	--	July 1947	6.7	734,970	--	*60	([6])	([6])	
	do	do	do	--	--	Aug. 1954	7.0	745,178	--	*60	[5] -.808	-1,056	
	do	do	do	--	--	May 1956	1.8	740,367	--	*60	1,481	1,935	
						June 1961	--	--	--	--	--	--	
20-24b	Hales Bar	do	Jasper, Tenn.	21,790	[7] 990	Oct. 1935	--	153,483	--	--	--	--	TVA
	do	do	do	--	--	Oct. 1940	5.0	152,928	--	61	([7])	([7])	
	do	do	do	--	--	July 1947	6.7	152,251	--	*61	.102	135	
	do	do	do	--	--	Aug. 1954	7.1	152,992	--	*61	[5] -.105	[5] -139	
	do	do	do	--	--	May 1956	1.8	153,032	--	*61	[5] -.022	[5] -29	
						Jan. 1961	--	--	--	--	--	--	
20-25	Kanuga Lake	Littlemud Creek	Hendersonville, N. C.	1.54	1.50	-- 1908	--	[8] 246	160	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	48	190	123	43.1	.780	732	
20-26	Osceola Lake	Shepard Creek	do	4.45	4.39	-- 1923	--	[8] 329	74	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	33	267	60	45.7	.428	426	
			OHIO RIVER BASIN (ABOVE POINT PLEASANT) AND LAKE ERIE DRAINAGE										
21-1	Pleasant Hill	Clear Fork	Perrysville, Ohio	199	195	Oct. 1938	--	87,700	441	--	--	--	CE
	do	do	do	--	--	Feb. 1945	6.25	87,424	439	*65	0.227	321	
21-2a	Senecaville	Seneca Fork	Senecaville, Ohio	121	113	Oct. 1936[9]	--	88,500	731	--	--	--	CE
	do	do	do	--	--	Mar. 1945	8.3	87,667	725	*65	.89	1,260	
21-3a	Charles Mill	Black fork, Mohican River	Mansfield, Ohio	216	207	June 1938	--	88,000	407	--	--	--	CE
--	do	do	do	--	--	Sept. 1946	8.25	85,886	397	*65	1.24	1,755	
	do	do	do	--	--	July 1954	7.75	85,483	396	*65	.253	358	
21-4	Hinckston Run	Hinckston Run	Johnstown, Pa.	10.75	10.57	-- 1905	--	3,453	321	--	--	--	SCS
	do	do	do	--	--	Sept. 1937	32	3,315	308	*60	.408	533	
21-5	Quemahoning	Quemahoning Creek	do	92	90.7	Jan. 1912	--	35,295	384	--	--	--	SCS
	do	do	do	--	--	Sept. 1937	25.8	34,413	374	--	.377	--	
21-6	Salt Lick	Salt Lick Run	do	11.86	11.76	-- 1914	--	2,492	210	--	--	--	SCS
	do	do	do	--	--	Sept. 1937	23	2,432	205	*60	.22	287	
21-7	Bridgeport (Upper)	Jacobs Creek	Mt. Pleasant, Pa.	32.5	32.38	Mar. 1887	--	612	18.8	--	--	--	SCS
	do	do	do	--	--	Nov. 1937	50.6	453	13.9	--	.097	--	
21-8	Barberton	Wolf Creek	Barberton, Ohio	28.2	28.0	-- 1926	--	2,056	72.9	--	--	--	SCS
	do	do	do	--	--	Dec. 1938	12	1,688	59.9	*55	1.10	1,320	
21-9	Buckeye Lake	S. Fork Licking River	Millersport, Ohio	[10] 49.2	45.1	-- 1832	--	[11] 19,940	[11] 405	--	--	--	SCS
	do	do	do	--	--	July 1939	107	15,790	321	*50	.860	937	
21-10	Leesville	McGuire Creek	Leesville, Ohio	48.0	45.7	Aug. 1936	--	37,400	779	--	--	--	SCS
	do	do	do	--	--	Nov. 1939	3.3	37,390	779	*50	.067	73	
21-11	Muskingum College	Trib. of Muskingum River	New Concord, Ohio	.32	.31	-- 1915	--	9.4	29.4	--	--	--	SCS
	do	do	do	--	--	Nov. 1935	20	7.0	22.0	*70	.381	581	
21-12	Ohio Cons. Pond No. 22	Trib. of Duck Creek	Marietta, Ohio	.05	.05	Oct. 1938	--	4.43	88.6	--	--	--	SCS
	do	do	do	--	--	Nov. 1939	1.1	4.21	84.2	*40	4.00	3,485	
21-13	Ohio Cons. Pond No. 51	Trib. of Ohio River	do	.13	.13	Oct. 1938	--	15.16	117	--	--	--	SCS
	do	do	do	--	--	Nov. 1939	1.1	15.02	116	*40	.977	851	
21-14	Ohio Cons. Pond No. 52	do	do	.17	.16	-- 1928	--	17.95	106	--	--	--	SCS
	do	do	do	--	--	Nov. 1939	11	15.40	90.6	*50	1.45	1,579	
21-15	Robins Lake	Ford Creek	Hartford, Ohio	4.47	4.45	-- 1922	--	91.6	20.5	--	--	--	SCS
	do	do	do	--	--	Dec. 1939	17.4	79.9	18.0	*68	.151	224	
21-16	Gorleys Lake	Trib. of Youghiogheny River	Uniontown, Pa.	3.00	2.97	-- 1908	--	150	50.0	--	--	--	SCS
	do	do	do	--	--	June 1939	30	138	46.0	*60	.135	176	

21-17	Lake Rockwell	Cuyahoga River	Kent, Ohio	205.5	[12] 124.1	Aug. 1914	--	7,423	36.1	--	--	--	SCS
	do	do	do	--	--	Aug. 1950	36	6,887	33.5	46	.120	120	
21-18a	Stony Lake	McGuire Creek	Perrysville, Ohio	11.75	11.72	-- 1927	--	121	10.3	--	--	--	ODW
	do	do	do	--	--	Dec. 1938	11.0	80	6.81	*65	.319	452	
	do	do	do	--	--	May 1949	10.4	61	5.19	*65	.156	221	
21-19	Tabor Club Lake	Small Br. Muskingum River	do	.55	.54	-- 1923	--	53.6	97.5	--	--	--	SCS
	do	do	do	--	--	Dec. 1938	15	42.4	77.1	*50	[13] 1.38	1,500	
21-20	Zanesville Nursery L	N. Br. Blount Run	Zanesville, Ohio	2.95	2.93	Dec. 1936	--	76.62	26.0	--	--	--	SCS
	do	do	do	--	--	July 1941	4.6	72.23	24.5	*65	.326	462	
21-21a	Tionesta	Tionesta Creek	Tionesta, Pa.	478	474	Feb. 1941	--	133,400	379	--	--	--	CE
	do	do	do	--	--	Sept. 1949	8.6	132,571	279	*65	.203	287	
21-22a	Loyalhanna	Loyalhanna Creek	Saltsburg, Pa.	290	285	June 1942	--	[14] 95,300	329	--	--	--	CE
	do	do	do	--	--	Oct. 1948	6.33	[14] 94,607	326	*44	.383	367	
	do	do	do	--	--	Sept. 1953	4.92	[14] 93,155	323	*44	.607	582	
21-23a	Mahoning Creek	Mahoning Creek	Dayton, Pa.	340	336	June 1941	--	74,200	218	--	--	--	CE
	do	do	do	--	--	Aug. 1948	7.3	73,807	217	*65	.160	227	
21-24a	Crooked Creek	Crooked Creek	Ford City, Pa.	277	274	Apr. 1940	--	93,900	339	--	--	--	CE
	do	do	do	--	--	Sept. 1945	5.4	93,808	339	*65	.062	87.8	
21-25a	Tygart River	Tygart River	Grafton, W. Va.	1,184	1,179	Oct. 1937	--	289,600	245	--	--	--	CE
	do	do	do	--	--	Feb. 1945[15]	--	--	--	--	--	--	
	do	do	do	--	--	Mar. 1959	21.5	287,700	243	*65	.075	106	
21-26a	Youghiogheny River	Youghiogheny River	Confluence, Pa.	434	428	Oct. 1943	--	254,000	585	--	--	--	CE
	do	do	do	--	--	Oct. 1949	6.0	253,121	583	*65	.341	483	
21-27a	Atwood Reservoir	Indian Fk., Conottou Creek	Sherrodsville, Ohio	70	66.2	Apr. 1940	--	49,700	710	--	--	--	CE
	do	do	do	--	--	Dec. 1946	6.7	49,570	708	*65	.29	410	
21-28	Babb Pond	do	Richfield, Ohio	.02	.02	-- 1932	--	.245	12.3	--	--	--	SCS
	do	do	do	--	--	Apr. 1951	19	.189	9.4	*60	.15	196	
21-29	Basom Pond	do	Hudson, Ohio	.32	.32	-- 1944	--	3.87	12.1	--	--	--	SCS
	do	do	do	--	--	Apr. 1951	7	3.24	10.1	*60	.281	367	
21-30	Christener Pond	do	Parma, Ohio	.09	.09	-- 1940	--	3.40	37.8	--	--	--	SCS
	do	do	do	--	--	Apr. 1951	11	2.79	31.0	*60	.611	798	
21-31	Schoenbeck Pond	do	Richfield, Ohio	.03	.03	-- 1940	--	1.48	49.3	--	--	--	SCS
	do	do	do	--	--	Apr. 1951	11	1.29	43.0	*60	.567	741	
21-32	Ticky Pond	Mahoning River	Peninsula, Ohio	.16	.16	-- 1949	--	2.84	17.8	--	--	--	ODW
	do	do	do	--	--	Apr. 1951	2	2.81	17.5	*60	.100	131	
21-33	Lake Hope	Sandy Run	Zaleski, Ohio	9.95	9.76	May 1939	--	1,506	151	--	--	--	ODW
	do	do	do	--	--	July 1949	10.2	1,462	147	74.8	.442	72	
21-34	Jefferson Lake	Town Fk. Yellow River	Richmond, Ohio	7.52	7.48	Dec. 1935	--	189	25	--	--	--	ODW
	do	do	do	--	--	Aug. 1950	14.7	156	21	-37.9	.300	247	
21-35a	Clouse Lake	Ctr. Br. Rush Creek	Sumerset, Ohio	8.7	8.66	-- 1948	--	234	27	--	--	--	ODW
	do	do	do	--	--	-- 1949	1.4	216	25	[16] 55.7	1.45	[17] 1,760	
	do	do	do	--	--	-- 1950	1.0	205	24	50.6	1.27	1,173	
	do	do	do	--	--	-- 1951	1.0	202	23	53	.44	674	
	do	do	do	--	--	-- 1952	1.0	199	23	55.6	.34	619	
	do	do	do	--	--	-- 1953	1.0	197	23	65.3	.25	1,212	
	do	do	do	--	--	-- 1954	1.0	193	22	68.2	.41	885	
21-36	East Branch	E. Br. Cuyahoga River	Burton, Ohio	17.53	16.88	-- 1939	--	4,659	266	--	--	--	ODW
	do	do	do	--	--	June 1949	9.7	4,535	259	*40	.759	661	
21-37	Westville, Lake	Trib. of Mahoning River	Alliance, Ohio	8.36	8.22	-- 1913	--	994	119	--	--	--	ODW
	do	do	do	--	--	Aug. 1950	37	933	112	66	.20	287	
21-38	Berlin	Mahoning River	Berlin Center, Ohio	249	246	July 1943	--	--	--	--	--	--	CE
	do	do	do	--	--	Nov. 1951	8.4	91,200	366	*100	1.30	2,830	
21-39	Mountain Lake	Broad Ford Run	Mt. Lake Park, Md.	7.4	7.4	-- 1880	--	122.75	19.2	--	--	--	SCS
	do	do	do	--	--	July 1957	76	97.02	13.1	--	.081	--	
21-40	Blazor Lake	Trib. of Sandy Creek	Minerva, Ohio	.07	.07	-- 1931	--	.15	2.0	--	--	--	ODW
	do	do	do	--	--	-- 1938	7	.0	.0	*65.0	.29	410	
21-41	Braden Lake	do	do	.12	.12	-- 1930	--	.11	.92	--	--	--	ODW
	do	do	do	--	--	-- 1938	8	.00	.00	65	.08	113.3	
21-42	Buckeye Lake	S. Fk. Licking Creek	Buckeye Lake, Ohio	49.2	45.1	-- 1832	--	19,940	405	--	--	--	ODW
	do	do	do	--	--	-- 1939	107	15,790	321	*50	.86	936	
21-43	Lake Milton	Mahoning River	Milton, Ohio	280	277.4	-- 1916	--	28,100	100	--	--	--	ODW
	do	do	do	--	--	-- 1941	25	22,250	80	*65.0	.84	1,189	
21-44	Peters Pond	Trib. of Indian Creek	Lancaster, Ohio	.11	.11	-- 1946	--	9.46	86.0	--	--	--	ODW
	do	do	do	--	--	-- 1954	8	9.11	82.8	48.1	.36	377	

[1] Blue Ridge Reservoir closed Dec. 6, 1930. Ocoee No. 3 closed Aug. 15, 1942.
[2] Based Tennessee Electric Power Co. data adjusted to the latest topographic maps.
[3] Volume computed by average end area method.
[4] Volume computed from contours based on 1949 survey.
[5] Minus (-) indicates scour.
[6] Sediment contributing area reduced by closing Watts Bar Dam on Jan. 1, 1942, and Apalachia Dam on Feb. 14, 1943.
[7] Norris Dam closed March 4, 1936, and Chickamauga Dam closed Jan. 15, 1940, reducing sediment contributing area to 990 sq. mi.
[8] Determined during 1956 survey.
[9] Date storage began. Sediment ranges established and surveyed in December 1937 by Soil Conservation Service, USDA.
[10] Drainage area has been 115 sq. mi. (net) part of the time in the past, when fed partly by feeder from S. Fork Kirkerville River.
[11] At present spillway elevation (lowered 0.8 foot in 1908. From 1836 to 1908 c/w ratio was 449. From 1832 to 1836, spillway elevation was lower. Originally, the lake was a natural. Lake was originally used as a feeder for Ohio canal system.
[12] East Branch Reservoir and many natural lakes act as efficient sediment traps.
[13] Dam failed earlier in 1938 but little sediment lost.
[14] Elevation at 975.
[15] In view of the limited amount sediment computed in the 1945 report (384 acre-feet), the values of the 1945 report are not included and were not used in computing survey data for the 1959 report. It is considered that the longer period (21.5 years) was necessary to develop a volume capable of being measured with a reasonable degree of accuracy.
[16] Density for entire period of record.
[17] Computed from differences in total sediment accumulation in tons at each survey.
*Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY		PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET							AC. FT.	TONS	
			OHIO RIVER BASIN (ABOVE POINT PLEASANT) AND LAKE ERIE DRAINAGE--Continued											
21-45	Wyandot Lake	Trib. of Clear Creek	Logan, Ohio	0.58	0.58	--	1930	--	11.5	19.83	--	--	--	ODW
	-do-	-do-	-do-	--	--	--	1948	18	4.65	8.02	--	0.657	--	
21-46	Orchard Park	Pipe Creek	Orchard Park, N. Y.	1.67	--	--	1928	--	169.99	101.8	--	--	--	SCS
	-do-	-do-	-do-	--	--	Oct.	1951	23	161.26	96.6	*60	.23	300	
21-47	Terra Alta Lake	Snowy River	Kingwood, W. Va.	4.76	--	--	1902	--	144.8	30.4	--	--	--	SCS
	-do-	-do-	-do-	--	--	June	1952	50	117.3	24.6	*50	.117	127	
21-48	Centerville Mills Lake	Aurora Br. of Chagrin River	Aurora, Ohio	10.4	10.38	--	1855	--	86.3	8.3	--	--	--	ODW
	-do-	-do-	-do-	--	--	--	1949	94	38.3	3.7	*65	.0493	69.6	
21-49	Meander Creek	Meander Creek	Youngstown, Ohio	84.9	81.76	--	1929	--	32,400	382	--	--	--	ODW
	-do-	-do-	-do-	--	--	--	1949	20	31,835	375	*65	.346	489	
			GREAT LAKES DRAINAGE (IN MICHIGAN) AND MAUMEE RIVER BASIN											
22-1	Grand[1]	St. Marys and Wabash River	Celina, Ohio	118	93	--	1844	--	130,175	[2] 1,103	--	--	--	SCS
	-do-	-do-	-do-	--	--	Aug.	1940	96	106,605	903	*55	2.64	3,162	
22-2	Stronach	Pine R. of Manistee River	Wellston, Mich.	291	233	--	1912	--	640	2.2	--	--	--	SCS
	-do-	-do-	-do-	--	--	Jan.	1953	41	27	.093	110.4	[3] .064	[3] 154	
22-3	Goller Pond	Trib. of Maumee River	Defiance, Ohio	.026	.024	Mar.	1945	--	9.5	367	--	--	--	ODW
	-do-	-do-	-do-	--	--	Aug.	1951	6.4	9.4	362	*45	.92	902	
22-4	Auglaize R. Power	Auglaize River	-do-	2,329	2,326	--	1912	--	[4] 14,400	6.18	--	--	--	ODW
	-do-	-do-	-do-	--	--	--	1951	39	11,600	4.98	--	.31	--	
22-5	Eagle Creek[5]	Eagle Creek	-do-	5.23	5.20	--	1912	--	129	25	--	--	--	ODW
	-do-	-do-	-do-	--	--	July	1951	39	74	14	59.0	.27	347	
22-6	Beetree Creek[5]	Beetree Creek	-do-	1.94	1.91	--	1912	--	148	76	--	--	--	ODW
	-do-	-do-	-do-	--	--	Aug.	1951	39	104	54	52.5	.59	675	
22-7	Batt Pond	Trib. of Maumee River	-do-	.013	.012	Apr.	1947	--	2.6	200	--	--	--	ODW
	-do-	-do-	-do-	--	--	July	1951	4.3	2.5	192	73.4	2.75	4,396	
22-8	Harrison Lake	Mill Creek	Fayette, Ohio	37.2	37.0	--	1941	--	991	27	--	--	--	ODW
	-do-	-do-	-do-	--	--	June	1949	8.3	929.1	25	53.2	.20	232	
	-do-	-do-	-do-	--	--	July	1951	2.1	902.4	24	*53	.34	392	
22-9	Allmondinger Pond	Trib. of St. Marys River	Ohio City, Ohio	.038	.035	Jan.	1945	--	5.08	134	--	--	--	ODW
	-do-	-do-	-do-	--	--	July	1951	6.7	4.71	124	53.7	1.71	2,001	
22-10	Bucyrus No. 2	Trib. of Sandusky River	Bucyrus, Ohio	2.84	2.79	--	1919	--	242	85	--	--	--	ODW
	-do-	-do-	-do-	--	--	June	1949	30	218	77	45.4	.28	277	
22-11a	Contris Pond	Trib. of Hoo Creek	Lafayette, Ohio	.13	.13	--	1947	--	9.2	70	--	--	--	ODW
	-do-	-do-	-do-	--	--	--	1951	4	7.9	60	57.8	2.60	3,270	
	-do-	-do-	-do-	--	--	--	1954	3	7.4	57	*49.3	1.36	1,460	
22-12	Sixmile Creek[5]	Sixmile Creek	Defiance, Ohio	21.6	21.4	--	1912	--	995	46	--	--	--	ODW
	-do-	-do-	-do-	--	--	July	1951	39	696	32	43.8	.36	343	
22-13	Burt Lake	Trib. of Auglaize Creek	Oakwood, Ohio	.76	.74	Sept.	1948	--	59	78	--	--	--	ODW
	-do-	-do-	-do-	--	--	July	1951	2.8	58	75	37.2	1.14	924	
22-14	Kohart Pond	-do-	Grover Hill, Ohio	.021	.019	Sept.	1943	--	2.4	114	--	--	--	ODW
	-do-	-do-	-do-	--	--	July	1951	7.8	2.3	110	26.1	.53	301	
22-15	Van Buren Lake	Rocky Ford Creek	Findlay, Ohio	22.80	22.72	--	1939	--	248	11	--	--	--	ODW
	-do-	-do-	-do-	--	--	Nov.	1948	9.5	205	9	53.6	.20	233	
	-do-	-do-	-do-	--	--	Aug.	1951	2.8	186	8	57.9	.31	391	
			GREAT LAKES DRAINAGE (IN MICHIGAN AND WISCONSIN)											
23-														
			MISSISSIPPI RIVER BASIN (LOUISIANA TO CHESTER) ILLINOIS, KASKASKIA, AND MERAMEC RIVER BASINS											
24-1a	Lake Williamson (Artic Pond)	Trib. of Honey Creek	Carlinville, Ill.	0.53	0.51	--	1922	--	175.6	331	--	--	--	IWS
	-do-	-do-	-do-	--	--	--	1949	27	159.5	301	46.24	1.18	1,188	
	-do-	-do-	-do-	--	--	--	1954	5	152.2	287	46.24	2.90	2,921	
	-do-	-do-	-do-	--	--	--	1961	7	147.6	278	46.24	1.25	1,259	

24-2b	Lake Bloomington	Money Creek	Hudson, Ill.	61	61.0	Dec. 1929	--	6,654	109	--	--	--	IWS
	-do-	-do-	-do-	--	60.0	Aug. 1948	18.7	6,062	99	41.5	.528	477	
	-do-	-do-	-do-	--	--	Aug. 1952	4.0	5,905	97	41.5	.655	592	
	-do-	-do-	-do-	--	--	July 1955	2.9	5,863	96	46.0	.242	243	
24-3a	Lake Carlinville	Honey Creek	Carlinville, Ill.	26.06	25.79	Jan. 1939	--	1,725	66.2	--	--	--	IWS
	-do-	-do-	-do-	--	--	June 1949	10.4	1,475	56.6	59.1	.934	1,200	
	-do-	-do-	-do-	--	--	July 1954	5.1	1,427	54.8	65.7	.365	521	
	-do-	-do-	-do-	--	--	Sept. 1959	5.1	1,387	53.3	62.4	.345	468	
24-4	Lake Decatur	Sangamon River	Decatur, Ill.	906	902	Apr. 1922	--	19,738	21.8	--	--	--	SCS
	-do-	-do-	-do-	--	--	July 1936	14.2	16,930	18.7	--	.220	248	
	-do-	-do-	-do-	--	--	June 1946	10.0	14,567	16.1	51.7	.262	[6] 295	
24-5	Shaefer Pond	Trib. of Cahokia Creek	Edwardsville, Ill.	.087	.083	Nov. 1937	--	20.2	232	--	--	--	IWS
	-do-	-do-	-do-	--	--	July 1949	11.8	17.6	202	*50	2.65	2,890	
24-6	Lake Springfield	Sugar and Lick Creek	Springfield, Ill.	265	258	Jan. 1934	--	61,039	230	--	--	--	IWS
	-do-	-do-	-do-	--	--	Aug. 1948	14.6	58,380	220	43	.705	660	
24-7	Spring Lake	Spring Creek	Macomb, Ill.	20.2	20.1	Apr. 1927	--	607	[7] 30.0	--	--	--	IWS
	-do-	-do-	-do-	--	--	Sept. 1947	20.4	320	15.8	59.7	.701	911	
24-8	Lake Bracken	Brush Creek	Galesburg, Ill.	9.14	8.85	Dec. 1923	--	2,881	315	--	--	--	IWS
	-do-	-do-	-do-	--	--	Aug. 1936	12.7	2,660	291	--	1.97	2,231	
	-do-	-do-	-do-	--	--	June 1949	12.9	2,452	268	52	1.82	2,061	
24-9	Pittsfield	Trib. of Panther Creek	Pittsfield, Ill.	1.84	1.77	June 1925	--	[8] 367	[8] 199	--	--	--	IWS
	-do-	-do-	-do-	--	--	Dec. 1946	21.5	232	126	*40	3.55	3,090	
24-10a	Lock and Dam 25 (Winfield)	Mississippi River	Winfield, Mo.	142,000	--	July 1939	--	180,000	--	--	--	--	CE
	-do-	-do-	-do-	--	--	May 1945	5.9	194,100	--	--	--	--	
	-do-	-do-	-do-	--	--	May 1946	1.0	181,400	--	--	--	--	
	-do-	-do-	-do-	--	--	Dec. 1947	1.6	184,000	--	--	--	--	
	-do-	-do-	-do-	--	--	May 1959	11.4	155,000	--	--	--	--	
24-11	Mt. Sterling	Trib. of Shelby Creek	Mt. Sterling, Ill.	1.80	1.75	-- 1935	--	306	170	--	--	--	IWS
	-do-	-do-	-do-	--	--	-- 1951	35	248	138	60	.94	1,228	
24-12	Lake Jacksonville	Sandy Creek	Jacksonville, Ill.	10.8	10.1	-- 1939	--	7,058	654	--	--	--	IWS
	-do-	-do-	-do-	--	--	June 1952	12.0	6,874	636	32.5	1.51	1,069	
24-13	Mauvaisse Terre Lake	Mauvaisse Terre Creek	-do-	32.6	32.2	-- 1921	--	1,820	56	--	--	--	IWS
	-do-	-do-	-do-	--	--	June 1952	31	1,215	37	48.2	.61	640	
24-14	Morgan Lake	-do-	-do-	2.75	2.72	-- 1900	--	126	46	--	--	--	IWS
	-do-	-do-	-do-	--	--	June 1952	52	73	27	41.2	.38	3,411	
24-15	Langdon Pond	Trib. of Illinois River	Franklin, Ill.	.358	.348	-- 1907	--	56.8	159	--	--	--	IWS
	-do-	-do-	-do-	--	--	July 1952	45	44.8	125	31.8	78	5,401	
24-16	Franklin Outing Club Lake	-do-	-do-	.450	.414	-- 1905	--	328	729	--	--	--	IWS
	-do-	-do-	-do-	--	--	July 1952	47	301	668	52.4	1.43	1,632	
24-17	Anderson Lake	-do-	Condord, Ill.	.631	.600	-- 1909	--	267	423	--	--	--	IWS
	-do-	-do-	-do-	--	--	July 1952	43	234	390	36.2	1.28	1,009	
24-18	Waverly City	-do-	Waverly, Ill.	9.24	9.16	Oct. 1938	--	308.3	33	--	--	--	IWS
	-do-	-do-	-do-	--	--	July 1952	13.8	238.6	26	42.4	.551	509	
24-19	Whitehall City	-do-	Whitehall, Ill.	.97	.92	-- 1897	--	459	474	--	--	--	IWS
	-do-	-do-	-do-	--	--	July 1952	55	408	420	43.1	1.02	957	
24-20	Roodhouse Park District Lake	-do-	Roodhouse, Ill.	.451	.439	-- 1917	--	61.6	137	--	--	--	IWS
	-do-	-do-	-do-	--	--	July 1952	35	53.9	120	42.4	.50	462	
24-21	Woodbine Country Club Lake	-do-	Greenfield, Ill.	.329	.320	-- 1926	--	58.5	178	--	--	--	IWS
	-do-	-do-	-do-	--	--	July 1952	26	43.4	132	54.4	1.81	2,144	
24-22	Dale Cole Pond	-do-	-do-	.231	.221	-- 1924	--	67.2	291	--	--	--	IWS
	-do-	-do-	-do-	--	--	July 1952	28	56.7	245	53.7	1.72	2,012	
24-23	Seely Pond	-do-	Hillview, Ill.	.093	.091	-- 1902	--	3.7	40	--	--	--	IWS
	-do-	-do-	-do-	--	--	July 1952	50	2.2	24	35.6	.30	233	
24-24	Vineyard Pond	-do-	Whitehall, Ill.	.054	.052	Jan. 1937	--	1.58	29	--	--	--	IWS
	-do-	-do-	-do-	--	--	July 1952	15.6	1.32	24	36.2	.33	260	
24-25	Knapp	-do-	Springfield, Ill.	3.49	3.43	-- 1907	--	181.8	52	--	--	--	IWS
	-do-	-do-	-do-	--	--	Aug. 1952	45	115.3	33	38.7	.431	363	
24-26	Aschauer Pond	-do-	Riverton, Ill.	.526	.518	-- 1939	--	18.3	35	--	--	--	IWS
	-do-	-do-	-do-	--	--	Aug. 1952	13	9.4	18	56.2	1.31	1,603	
24-27	Schmidt Pond	-do-	Chatham, Ill.	1.31	1.30	-- 1943	--	6.0	4.58	--	--	--	IWS
	-do-	-do-	-do-	--	--	Aug. 1952	9	3.4	2.60	41.2	.22	197	
24-28	Ayers	Trib. of Shoal Creek	Ayers, Ill.	1.43	1.39	-- 1906	--	200	139.9	--	--	--	IWS
	-do-	-do-	-do-	--	--	Aug. 1958	52	150	104.9	51.03	.69	766.87	
24-29	Bodeman	Trib. of West Creek	Brunswick, Ind.	2.734	2.390	Aug. 1947	--	52.1	19.1	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept. 1960	13	44.8	16.4	56.7	.23	284	
24-30	C B & Q R. R. Lake	Trib. of Sangamon River	Tallula, Ill.	.85	.84	-- 1902	--	31.7	37	--	--	--	IWS
	-do-	-do-	-do-	--	--	July 1952	50	15.4	18	49.3	.29	419	
24-31	Edwards Lake	Trib. of Cahokia Creek	Gillespie, Ill.	.42	.40	-- 1949	--	74.2	176.7	--	--	--	IWS
	-do-	-do-	-do-	--	--	Aug. 1958	9	68.0	161.9	46.86	1.72	1,755.47	

[1] Drains into Wabash River and Lake Erie. Originally build as a canal feeder lake. Also known as Lake St. Marys.
[2] At present Spillway elevation (lowered 5.37 feet in 1856). In 1844 c/w ratio was 1,870.
[3] Above crest deposits were measured only within original reservoir area. Additional above crest deposits undoubtedly extend far upstream.
[4] Capacity in sediment figures that of several tributary arms including Beetree, Eagle, and Sixmile Creek.
[5] Tributary arm of Auglaize River Power Reservoir.
[6] Turbidity records indicate that an average of 75 tons annually per square mile of drainage area have passed over spillway. Total annual sediment load per square mile, 1922-46, was 341 tons.
[7] At top of 13-foot flashboards added in 1946.
[8] At present spillway elevation; spillway raised 1.24 feet in 1944.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			MISSISSIPPI RIVER BASIN (LOUISIANA TO CHESTER) ILLINOIS, KASKASKIA, AND MERAMEC RIVER BASINS (Continued)										
24-32	Etcheson's Lake	Trib. of Kaskaskia River	Vandalia, Ill.	0.27	0.26	-- 1943	--	19.7	72.96	--	--	--	IWS
	do	do	do	--	--	Aug. 1958	15	16.0	59.26	55.66	0.93	1,127.33	
24-33	Glosier No. 1	Lost Creek	Elsberry, Mo.	1.05	1.04	Apr. 1956	--	72.5	69.04	--	--	--	SCS
	do	do	do	--	--	July 1960	4.3	70.3	66.95	--	.49	--	
24-34	I. C. at Kinmundy	Trib. to East Fork of Kaskaskia River	Kinmundy, Ill.	.618	.581	-- 1902	--	174.14	281.78	--	--	--	IWS
	do	do	do	--	--	July 1959	57	149.10	241.26	35.5	.756	584.5	
24-35	King's Lake	Trib. of Cahokia Creek	Eagarville, Ill.	.46	.44	-- 1921	--	158.6	344.8	--	--	--	IWS
	do	do	do	--	--	June 1958	37	139.5	303.3	54.42	1.17	1,386.73	
24-36	Lake Coulterville	South Fork Mud Creek	Coulterville, Ill.	1.22	1.18	-- 1940	--	200	164	--	--	--	IWS
	do	do	do	--	--	Aug. 1954	14	188	154	34.0	.73	541	
24-37	Lake Bunker Hill	Wood River	Bunker Hill	7.19	7.15	-- 1937	--	133	18.5	--	--	--	IWS
	do	do	do	--	--	June 1954	17	36	5.0	79.2	.80	1,380	
24-38	Lake Gillespie	Dry Fork	Gillespie, Ill.	5.73	5.62	-- 1923	--	799	139	--	--	--	IWS
	do	do	do	--	--	July 1954	32	696	121	37.9	.57	470	
24-39	Lake Nashville	Nashville Creek	Nashville, Ill.	1.39	1.33	-- 1936	--	320	230	--	--	--	IWS
	do	do	do	--	--	Aug. 1954	19	289	208	35.3	1.19	913	
24-40	Lake Staunton	East Creek	Staunton, Ill.	3.68	3.54	-- 1926	--	1,248	339	--	--	--	IWS
	do	do	do	--	--	July 1954	28	1,140	310	28.1	1.09	667	
24-41	Macoupin County Lake Club.	Hurricane Creek	Carlinville, Ill.	.28	.26	-- 1904	--	160.5	573.2	--	--	--	IWS
	do	do	do	--	--	June 1958	54	135.8	485.0	37.13	1.76	1,423.32	
24-42	Mine Pond No. 4	Trib. of Cahokia Creek	Wilsonville, Ill.	5.29	5.23	-- 1916	--	296.1	55.97	--	--	--	IWS
	do	do	do	--	--	July 1958	27	141.6	26.77	65.34	.07	99.62	
24-43	New Mt. Olive	do	White City, Ill.	5.21	5.12	-- 1938	--	432.8	83.07	--	--	--	IWS
	do	do	do	--	--	June 1958	20	335.3	64.36	52.35	.94	1,071.79	
24-44	Panama Lake	Trib. of Indian Creek	Panama, Ill.	.67	.64	-- 1928	--	177.8	265.4	--	--	--	IWS
	do	do	do	--	--	Aug. 1958	30	151.9	241.6	48.2	1.35	1,417.22	
24-45	Power Farms Ponds	Trib. of Sangamon River	Cantrall, Ill.	.668	.666	-- 1940	--	4.2	6.3	--	--	--	IWS
	do	do	do	--	--	July 1952	12	1.3	2.0	54.9	.36	430	
24-46	Raccoon Lake	Raccoon Creek	Centralia, Ill.	48.4	47.3	-- 1943	--	4,496.3	92.9	--	--	--	IWS
	do	do	do	--	--	Sept. 1959	16	4,143.6	85.6	39.7	.47	406	
24-47	Robinson Pond	Terre Creek	Jacksonville, Ill.	.314	.304	-- 1900	--	47.1	150	--	--	--	IWS
	do	do	do	--	--	July 1952	52	35.6	113	46.8	.70	713.51	
24-48	Salem City	Trib. of Crooked Creek	Salem, Ill.	4.02	3.90	-- 1912	--	597.86	149	--	--	--	IWS
	do	do	do	--	--	Aug. 1960	48	530.88	132	40.8	.36	320	
24-49	Virginia	Job's Creek	Virginia, Ill.	.828	.799	-- 1933	--	154	186	--	--	--	IWS
	do	do	do	--	--	-- 1950	17	116	140	*40	2.70	235	
24-50	Walton Club Lake	Long Branch	Litchfield, Ill.	2.72	2.67	-- 1862	--	376.3	138.35	--	--	--	IWS
	do	do	do	--	--	July 1959	97	187.2	68.82	48.4	.73	769.5	
24-51	Lock and Dam 26	Mississippi River	Alton, Ill.	171,470	--	May 1938	--	395,000	--	--	--	--	CE
	do	do	do	--	--	May 1945	7.1	390,200	--	--	--	--	
	do	do	do	--	--	Dec. 1945	.6	--	--	--	--	--	
	do	do	do	--	--	May 1946	.4	381,200	--	--	--	--	
	do	do	do	--	--	Oct. 1947	1.4	408,200	--	--	--	--	
	do	do	do	--	--	Apr. 1959	11.5	343,900	--	--	--	--	
24-52	Pool No. 22	do	Saverton, Mo.	137,500	--	July 1938	--	93,858	.7	--	--	--	CE
	do	do	do	--	--	Dec. 1954	16.33	85,231	.6	--	.004	--	
			UPPER MISSISSIPPI RIVER BASIN (FAIRMONT TO LOUISIANA) Iowa, Skunk, and Des Moines River Basins										
25-1	Pool No. 19 (Lake Cooper, Keokuk Dam)	Mississippi River	Keokuk, Iowa	119,000	(1)	-- 1913	--	479,550	--	--	--	--	CE
	do	do	do	--	--	June 1928	15	370,300	--	--	--	--	
	do	do	do	--	--	June 1938	10	337,000	--	--	--	--	
	do	do	do	--	--	June 1946	8	312,216	--	--	--	--	

25-2	Upper Pine	Pine Creek	Eldora, Iowa	13.9	13.8	May 1934	--	660	47.5	--	--	--	SCS
	do	do	do	--	--	Sept. 1947	13.3	452	32.5	*60	1.14	*1,490	
25-3	Lake Calhoun	Fitch Creek	Galva, Ill.	13.1	13.0	Sept. 1924	--	425	[2] 32.4	--	--	--	IWS
	do	do	do	--	--	Aug. 1936	11.9	273	20.8	--	.977	1,190	
	do	do	do	--	--	July 1947	11.0	112	8.6	56	1.12	1,370	
25-4	Carthage	Long Creek	Carthage, Ill.	2.94	2.88	Mar. 1926	--	406.3	138	--	--	--	SCS
	do	do	do	--	--	Aug. 1949	23.4	308.2	105	*50	1.45	1,580	
25-5	McCraney Creek New Desilting Basin.	McCraney Creek	Kinderhook, Ill.	52.0	50.2	Dec. 1936	--	*2,400	*46.2	--	--	--	SCS
	do	do	do	--	--	Dec. 1939	3	*1,770	34.0	*85	4.18	7,740	
	do	do	do	--	--	-- 1941	2	*1,664	32.0	*85	1.06	1,960	
25-6	Pine Lake	Pine Creek	Eldora, Iowa	15.34	15.24	-- 1924	--	738	48.1	--	--	--	SCS
	do	do	do	--	--	-- 1932	8	552	36.0	*60	1.52	*1,990	
25-7	Hadley Creek Old Desilting Basin.	Hadley Creek	New Canton, Ill.	77.0	[3] 72.7	-- 1921	--	3,000	39	--	--	--	SCS
	do	do	do	--	--	-- 1936	15	1,845	24	*85	1.06	1,960	
25-8	Hadley Creek New Desilting Basin.	do	do	77.0	[3] 72.7	Dec. 1936	--	3,080	40.0	--	--	--	SCS
	do	do	do	--	--	Dec. 1939	3	2,556	33.2	*85	2.41	4,460	
25-9	Kiser Creek Desilting Basin.	Kiser Creek	do	66.0	[3] 59.6	Dec. 1936	--	*2,800	42.4	--	--	--	SCS
	do	do	do	--	--	Dec. 1939	3	*2,290	34.7	*85	2.85	5,280	
25-10	Beeds Lake	Unnamed Stream	Hampton, Iowa	31.8	31.6	-- 1935	--	1,154	36.3	--	--	--	SCS
	do	do	do	--	--	-- 1946	11	1,070	33.6	*65	.24	340	
25-11	C M St. P & P RR Res[3]	Trib. of Big Creek	Madrid, Iowa	2.54	2.52	-- 1903	--	43	16.9	--	--	--	SCS
	do	do	do	--	--	-- 1918	15	25	9.8	*70	.476	726	
25-12a	Fairfield No. 3	Crow Creek	Fairfield, Iowa	2.98	2.92	-- 1925	--	207	101	--	--	--	SCS
	do	do	do	2.98	--	-- 1934	7	166	81	*51.6	2.96	3,327	
	do	do	do	--	--	July 1953	19	135	66	51.6	.795	893	
25-13	Springbrook	Spring Brook	Guthrie Center, Iowa	2.1	2.1	-- 1936	--	185	88.1	--	--	--	SCS
	do	do	do	--	--	-- 1946	10	172	81.9	*50	.638	695	
25-14	Pool No. 16	Mississippi River	Muscatine, Iowa	99,400	([1])	Mar. 1938	--	113,370	--	--	--	--	CE
	do	do	do	--	--	Nov. 1949	11.7	106,347	--	--	--	--	
25-15	Pool No. 20	do	Canton, Mo.	134,300	([1])	Oct. 1937	--	89,850	--	--	--	--	CE
	do	do	do	--	([1])	Nov. 1950	13.1	87,740	--	--	--	--	
25-16	Bloomfield	Trib. of Fox River	Bloomfield, Iowa	2.25	2.13	Sept. 1937	--	896	398	--	--	--	SCS
	do	do	do	--	--	Sept. 1951	14.0	831	369	*60	2.16	2,823	
25-17	Pool No. 17	Mississippi River	New Boston, Ill.	99,600	([1])	Aug. 1938	--	70,800	.7	--	--	--	CE
	do	do	do	--	--	Mar. 1954	15.6	69,350	.7	--	.001	--	
25-18	Pool No. 21	do	Quincy, Ill.	135,000	([1])	July 1938	--	78,040	.6	--	--	--	CE
	do	do	do	--	--	Mar. 1954	15.7	69,570	.5	--	.004	--	
	UPPER MISSISSIPPI RIVER BASIN (PRAIRIE DU CHIEN TO ROCK ISLAND) AND LAKE MICHIGAN DRAINAGE Rock and Wapsipinicon River Basins												
26-1a	Pool No. 15	Mississippi River	Rock Island, Ill.-Ia.	88,500	([1])	Mar. 1934	--	39,432	0.4	--	--	--	CE
	do	do	do	--	--	Aug. 1938	4.5	38,546	.4	--	0.002	--	
	do	do	do	--	--	Nov. 1944	6.2	38,229	.4	--	.001	--	
	do	do	do	--	--	Dec. 1946	2.1	39,224	.4	--	--	--	
	do	do	do	--	--	Nov. 1948	1.9	37,643	.4	--	.009	--	
	do	do	do	--	--	Nov. 1950	2.0	37,881	.4	--	--	--	
	do	do	do	--	--	Nov. 1952	2.0	37,086	.4	--	.004	--	
26-2	Backbone Lake (Forestville Lake)	Maquoketa River	Strawberry Pt., Iowa	116	116	July 1934	--	608	5.24	--	--	--	SCS
	do	do	do	--	--	Feb. 1942	7.6	539	4.65	--	.078	127	
	do	do	do	--	--	Feb. 1949	7.0	473	4.08	75.1	.082	134	
26-3	Pool No. 11	Mississippi River	Dubuque, Iowa	81,600	([1])	Apr. 1938	--	171,684	2.1	--	--	--	CE
	do	do	do	--	--	Feb. 1953	14.8	154,526	1.9	--	.014	--	
	UPPER MISSISSIPPI RIVER BASIN (ST. PAUL TO PRAIRIE DU CHIEN) Wisconsin, Root, Chippewa, and St. Croix River Basins												
27-1	Elk Creek Lake	Elk Creek	Eau Clare, Wis.	60	60	-- 1926	--	683	11.4	--	--	--	SCS
	do	do	do	--	--	Oct. 1941	15	457	7.6	*70	0.252	384	

[1] Indeterminate.
[2] Spillway raised 2.89 feet in 1946. Original c/w ratio was 21.8. All sedimentation and storage loss data based on higher spillway elevation.
[3] Excludes Mississippi River bottom land.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY		PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET							AC. FT.	TONS	
			UPPER MISSISSIPPI RIVER BASIN (ST. PAUL TO PRAIRIE DU CHIEN) Wisconsin, Root, Chippewa, and St. Croix River Basins (Continued)											
27-2	Ettrick Mill Pond----------	N. Br. Beaver Creek---------	Ettrick, Wis.---------	50.75	50.70	--	1871	--	127	2.50	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1939	68	46	.91	*80	0.023	40	
27-3	Marinuka (Davis Lake)-------	Beaver Creek----------	Galesville, Wis.-------	138.6	138.2	--	1867	--	1,677	12.1	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1939	72	683	4.93	72.5	.100	158	
27-4	Prairie du Sac----------	Wisconsin River----------	Prairie du Sac, Wis.--	8,900	[1] 600	--	1914	--	100,000	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	--	1933	19	91,851	--	*90	.717	1,400	
27-5	Pool No. 5A----------	Mississippi River----------	Winona, Minn.-Wis.----	59,100	([2])	July	1936	--	30,000	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Feb.	1945	9.6	28,690	--	*90	--	--	
27-6	Fishbaugher----------	Trib. D-East Willow Creek---	Preston, Minn.--------	1.31	1.29	June	1957	--	168.71	129	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1960	2.75	166.47	127	*70	.65	991	
28-			UPPER MISSISSIPPI RIVER BASIN (ABOVE ST. PAUL)											
29-			LAKE SUPERIOR AND LAKE OF THE WOODS AREA (IN MINNESOTA)											
			RED RIVER OF THE NORTH BASIN											
30-1	Lake Bronson----------	Two Rivers----------	Bronson, Minn.--------	439	438.5	--	1940	--	3,792	8.64	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1950	10	3,626	8.26	30.94	.038	25.6	
30-2	Frazee----------	Otter Tail River----------	Frazee, Minn.---------	210	24	--	1926	--	155	.738	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1952	26	137.1	.653	20.0	.029	12.6	
30-3	Blabon Dam----------	Trib. of Goose River--------	Blabon, N. Dak.-------	1.219	1.188	--	1935	--	130.69	107.32	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1956	20	107.29	88.01	41.0	.98	875	
30-4	Dougherty Dam----------	N. Br. Forest River---------	Adams, N. Dak.--------	20.2	14.6	--	1935	--	150.7	7.46	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1957	22	139.6	6.91	25	.034	18.81	
30-5	Gustafson Farm Pond---------	Park River----------	-----do----------	3.755	3.670	--	1941	--	38.70	10.31	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1935	14	33.36	8.88	*35.0	.101	76.99	
30-6	Gwinner Dam----------	Trib. of Wild Rice River----	Gwinner, N. Dak.------	.226	.222	--	1936	--	12.92	57.16	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1956	20	10.29	45.53	29.0	.59	372.6	
30-7	Madsen Farm Pond----------	Swan Creek----------	Wheatland, N. Dak.----	27.76	27.76	--	1939	--	22.82	.822	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1956	17	19.10	.688	*35	.0078	5.95	
30-8	Magnolia Dam----------	Buffalo Creek----------	-----do----------	12.16	11.72	--	1908	--	157.92	12.99	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1956	48	127.40	10.48	*35.0	.052	39.64	
30-9	Mason Siding Dam----------	Rush River----------	Erie, N. Dak.---------	30.2	30.2	--	1912	--	43.15	1.428	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1956	44	35.40	1.172	*35.0	.0058	4.44	
30-10	Melvin Bellerud Farm Pond---	Park River----------	Adams, N. Dak.--------	1.125	1.121	--	1942	--	16.78	14.92	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1955	13	14.47	12.86	*35.0	.1579	114.68	
30-11	Milton WPA Dam----------	-----do----------	Milton, N. Dak.-------	14.375	14.356	--	1934	--	66.59	4.63	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1955	21	46.19	3.21	*35.0	.0676	51.53	
30-12	Norby Dam----------	Trib. of Wild Rice River----	Havana, N. Dak.-------	.183	.183	--	1934	--	5.227	28.56	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1956	22	4.467	24.41	*45	.188	184.3	
30-13	Raleigh Dam----------	Dog Tooth Creek----------	Raleigh, N. Dak.------	4.45	4.45	--	1909	--	175.47	39.43	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1956	47	145.23	32.64	*35	.144	109.8	
30-14	Sioux Railroad Reservoir----	Park River----------	Adams, N. Dak.--------	16.855	16.66	--	1911	--	88.37	5.24	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1955	44	69.16	4.10	*35	.026	18.88	
30-15	White Lake----------	Trib. of Wild Rice River----	Havana, N. Dak.-------	37.0	21.08	--	1938	--	1,895.6	51.23	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1957	19	1,808.8	48.89	32	.2167	151	
30-16	Baldhill Dam (Lake Ashtabula).	Sheyenne River----------	Valley City, N. Dak.--	[3] 4,138	[4] 1,979	Dec.	1952	--	76,400	18	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Jan.	1958	5.1	75,410	18	*90	.0981	192	
30-17	Homme Dam (Park River)------	S. Br. Park River----------	Park River, N. Dak.---	229	229	Jan.	1953	--	3,650	16	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1958	5.2	3,382	15	*90	.225	441	

31-1	Lake of the Ozarks (Bagnell Dam).	Osage River	Eldon, Mo.	14,000	13,900	Feb. 1931	--	2,087,223	149	--	--	--	CE
	do	do	do	--	--	Oct. 1948	17.8	1,972,531	141	59.2	.464	598	
31-2	Carl Chinquist	Trib. of West Nodaway River	Stanton, Iowa	.166	.163	June 1938	--	9.46	57.0	--	--	--	SCS
	do	do	do	--	--	May 1949	10.9	2.59	15.6	49.9	3.87	4,200	
31-3	L. H. Fuelling	Trib. of Tarkio River	Westboro, Mo.	1.05	1.04	July 1939	--	31.80	30.3	--	--	--	SCS
	do	do	do	--	--	May 1949	9.8	1.93	1.84	62.5	2.93	3,990	
31-4	McDaniel Lake	Little Sac River	Springfield, Mo.	41.9	41.5	-- 1929	--	3,452	82	--	--	--	SCS
	do	do	do	--	--	June 1940	11	3,207	77	*60	.538	703	
31-5	Doniphan Co. Old Desilting Basin.	Chase Creek	Blair, Kans.	1.62	1.58	-- 1920	--	159.2	98.3	--	--	--	SCS
	do	do	do	--	--	June 1937	10.0	23.6	14.6	84.4	8.58	15,770	
31-6	Leavenworth Co. State Lake	Unnamed Trib.	Tonganoxie, Kans.	3.83	3.56	Sept. 1931	--	3,916	1,023	--	--	--	SCS
	do	do	do	--	--	Nov. 1947	16.1	3,771	985	61.45	2.53	3,386	
31-7	Lyon Co. State Lake (Reading Lake).	do	Reading, Kans.	[5] 2.19	1.79	-- 1935	--	1,889	863	--	--	--	SCS
	do	do	do	--	--	Aug. 1939	4.0	1,870	854	*60	2.73	3,568	
31-8	Martin Farm Pond	Osage River	Ottawa, Kans.	.18	.17	Nov. 1930	--	33	183	--	--	--	SCS
	do	do	do	--	--	Oct. 1937	6.9	30	167	*60	2.82	3,685	
31-9a	Mission Lake	Mission Creek	Horton, Kans.	8.15	7.76	May 1924	--	1,866	229	--	--	--	ARS
	do	do	do	--	--	Apr. 1937	13	1,563	192	62.2	3.00	4,064	
	do	do	do	--	--	July 1954	17.2	1,181	145	53.3	2.86	3,326	
31-10	Moran	S. Fk. Osage River	Moran, Kans.	5.35	5.28	Apr. 1913	--	365	68.2	--	--	--	SCS
	do	do	do	--	--	Sept. 1939	26.4	298	55.7	49.15	.477	511	
31-11	Lake Olathe	Cedar Creek	Olathe, Kans.	6.20	6.11	July 1932	--	721	116	--	--	--	SCS
	do	do	do	--	--	June 1937	4.9	666	107	60.4	1.84	2,421	
	do	do	do	--	--	July 1949	12.1	488	78.7	57.6	2.41	3,023	
31-12	Richmond	Unnamed Trib.	Richmond, Kans.	2.17	2.07	-- 1909	--	405	187	--	--	--	SCS
	do	do	do	--	--	Oct. 1937	28	289	133	*60	2.00	2,614	
31-13	Lampe Farm Pond	Trib. of Muddy Creek	Howe, Nebr.	.065	.064	Aug. 1942	--	3.00	46.2	--	--	--	SCS
	do	do	do	--	--	Dec. 1948	6.3	2.04	31.4	57.4	2.41	3,010	
31-14	E. W. Howell	Trib. of Tarkio Creek	Tarkio, Mo.	.509	.505	July 1934	--	33.7	66.2	--	--	--	SCS
	do	do	do	--	--	May 1949	[6] 6.9	.03	.06	72.5	9.66	15,250	
31-15	Allerton	South Chariton River	Allerton, Iowa	4.98	4.82	-- 1913	--	511	103	--	--	--	SCS
	do	do	do	--	--	Nov. 1939	25.5	401	81	*60	.894	1,170	
31-16	Centerville No. 2	Manson's Branch	Centerville, Iowa	2.70	2.62	-- 1926	--	1,111	411	--	--	--	SCS
	do	do	do	--	--	-- 1937	11	1,050	389	*60	2.12	2,760	
31-17	Lake of Three Fires	E. Fk. 102 River	Bedford, Iowa	6.15	5.97	July 1936	--	1,231	200	--	--	--	SCS
	do	do	do	--	--	Feb. 1950	13.6	860	140	--	4.58	--	
31-18	Dominey Reservoir	Long Branch	Johnson, Nebr.	.703	.699	-- 1952	--	13.4	19.1	--	--	--	SCS
	do	do	do	--	--	-- 1956	4	10.7	15.2	*65	.964	1,365	
31-19	Hawley Reservoir	Trib. of Nemaha River	Brock, Nebr.	.12	.115	-- 1947	--	11.37	94.8	--	--	--	SCS
	do	do	do	--	--	-- 1956	9	10.35	86.3	*65	.942	1,334	
31-20	Schneider Reservoir	Long Branch	Johnson, Nebr.	.188	.184	-- 1952	--	10.4	55.3				
	do	do	do	--	--	-- 1956	4	6.23	33.1	*65	5.53	78.29	SCS
31-21	Cox	Unnamed Trib.	Blue Rapids, Kans.	.31	.30	June 1946	--	6.92	22.32	--	--	--	SCS
	do	do	do	--	--	Mar. 1955	8.8	4.05	13.06	67.22	1.10	1,650	
31-22	Droege	do	Osage City, Kans.	.4	.4	Mar. 1944	--	12.89	32.2	--	--	--	SCS
	do	do	do	--	--	Sept. 1955	11.5	8.4	21.0	*60	.97	1,267	
31-23	Flinner	do	Leavenworth, Kans.	.64	.63	Nov. 1936	--	81.6	127.5	--	--	--	SCS
	do	do	do	--	--	Aug. 1957	20.7	26.1	40.8	*60	4.22	5,515	
31-24	Honey Creek No. A-2	Trib. of Honey Creek	Russell, Iowa	.278	.274	Oct. 1956	--	15.5	56	--	--	--	SCS
	do	do	do	--	--	Oct. 1958	2.00	15.2	55	66	.68	1.0	
	do	do	do	--	--	Sept. 1959	.92	15.0	54	66	.74	1.1	
	do	do	do	--	--	Jan. 1961[7]	1.33	15.0	54	66	0	0	
31-25	Honey Creek No. A-4	do	do	.355	.346	Aug. 1957	--	26.7	75	--	--	--	SCS
	do	do	do	--	--	Oct. 1958	1.17	25.3	71	66	3.38	4.9	
	do	do	do	--	--	Aug. 1959	.83	25.1	71	66	.72	1.0	
	do	do	do	--	--	Jan. 1961[7]	1.42	25.1	71	66	0	0	
31-26	Honey Creek No. F-1	do	do	1.213	1.200	Nov. 1955	--	39.6	33	--	--	--	SCS
	do	do	do	--	--	Oct. 1958	2.92	37.1	31	66	.74	1.1	
	do	do	do	--	--	Oct. 1959	1.00	34.8	29	66	1.85	2.7	
	do	do	do	--	--	Jan. 1961[7]	1.25	34.8	29	66	0	0	
31-27	Honey Creek No. E-1	do	do	.478	.470	July 1955	--	29.1	61	--	--	--	SCS
	do	do	do	--	--	June 1958	2.92	27.3	57	66	1.30	1.9	
	do	do	do	--	--	Sept. 1959	1.25	25.7	54	66	2.74	3.9	
	do	do	do	--	--	Jan. 1961[7]	1.33	25.7	54	66	0	0	

[1] Flow from 8,300 sq. mi. of drainage area passes through power dams, which act as traps.
[2] Indeterminate.
[3] Total drainage area (exclusive of closed Devils Lake Basin with drainage area of 3,940 sq. mi.).
[4] About 2,150 sq. mi. of the area shown under Item No. 18 is also nontributing.
[5] Excluding area of lake and 0.31 sq. mi. above stock pond.

[6] Reservoir silted full December 1936; crest raised June 1937; silted full again December 1940; crest raised again May 1945; silted full again May 1949.
[7] Surveys indicated no sediment deposited since survey in 1959.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			MISSOURI RIVER BASIN (NEBRASKA CITY TO HERMANN) (Continued)										
31-28	Honey Creek No. I-1	Trib. of Honey Creek	Russell, Iowa	0.503	0.495	Nov. 1955	--	30.3	60	--	--	--	SCS
	do	do	do	--	--	Oct. 1958	2.92	29.0	58	66.0	0.91	1.3	
	do	do	do	--	--	Sept. 1959	.92	28.2	56	66.0	1.84	2.6	
	do	do	do	--	--	Jan. 1961[1]	1.33	28.2	56	66.0	0	0	
31-29	Miller Ranch	Unnamed Trib.	Miller, Kans.	.71	.70	Nov. 1936	--	52.72	74.25	--	--	--	SCS
	do	do	do	--	--	Sept. 1955	18.8	37.83	53.28	52.7	1.13	1,297	
31-30	Nolte	Trib. of Wolf River	Hiawatha, Kans.	.42	.42	May 1951	--	7.55	17.98	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	4.0	5.67	13.50	68.43	1.12	1,669	
31-31	Prairie Lake	Unnamed Trib.	Holton, Kans.	1.49	1.40	Oct. 1947	--	721.7	484.4	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	8.0	653.1	436.3	54.3	6.12	7,197	
31-32	Nyhart	do	Effingham, Kans.	.16	.15	Oct. 1949	--	49.4	308.7	--	--	--	SCS
	do	do	do	--	--	Oct. 1957	7.9	46.3	289.4	*60	2.4	3,136	
31-33	Sabetha Lake	Deer Creek Trib. of Nemaha	Sabetha, Kans.	9.17	8.99	Jan. 1936	--	1,934	210.9	--	--	--	ARS
	do	do	do	--	--	June 1951	15.5	1,310	142.9	54.7	4.48	5,337	
	do	do	do	--	--	Aug. 1952	1.2	1,234	134.6	53.7	7.04	6,980	
	do	do	do	--	--	Oct. 1953	1.1	1,259	137.3	58.0	-2.52	3,436	
	do	do	do	--	--	Apr. 1955	1.5	1,206	131.5	54.1	3.93	379	
	do	do	do	--	--	Apr. 1956	1.0	1,205	131.4	55.0	.11	1,720	
	do	do	do	--	--	Apr. 1958	2.0	1,200	130.9	56.2	.28	1,400	
	do	do	do	--	--	July 1960	2.3	1,117	121.8	54.6	4.02	3,537	
31-34	Sutter	Unnamed Trib.	Effingham, Kans.	.17	.16	Jan. 1950	--	53.2	313.0	--	--	--	SCS
	do	do	do	--	--	Oct. 1957	7.7	50.86	299.2	*60	1.88	2,457	
31-35	Shirley Pond	do	Lawrence, Kans.	.18	.18	Mar. 1939	--	20.86	115.89	--	--	--	SCS
	do	do	do	--	--	Nov. 1956	17.7	19.05	105.83	86.7	.56	1,057.5	
31-36	Trentman	do	Fairview, Kans.	.18	.18	May 1947	--	3.78	21.00	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	8.4	2.42	13.44	62.01	.90	1,201	
31-37	Thorne	do	Effingham, Kans.	1.17	1.16	Sept. 1941	--	29.13	24.9	--	--	--	SCS
	do	do	do	--	--	Aug. 1957	11	17.7	15.13	*60	.90	1,176	
31-38	Ashland	Brushy Creek	Ashland, Mo.	3.78	3.75	Apr. 1937	--	282.66	74.8	--	--	--	ARS
	do	do	do	--	--	Nov. 1949	12.6	213.02	56.4	69.0	1.47	2,209	
	do	do	do	--	--	Apr. 1951	1.4	210.34	55.6	68.0	.51	755	
	do	do	do	--	--	July 1955	4.3	203.59	53.9	--	.42	--	
			SMOKY HILL AND LOWER REPUBLICAN RIVER BASINS										
32-1	Ottawa County State L	Sand Creek	Bennington, Kans.	20.47	20.26	-- 1929	--	1,001	48.9	--	--	--	SCS
	do	do	do	--	--	Apr. 1937	8.0	930	45.4	--	.438	--	
32-2	Sheridan County State Lake	Saline River	Quinter, Kans.	493	463	-- --	--	--	--	--	--	--	BR
	do	do	do	--	--	Aug. 1948	10.8	436	1	66.5	.0681	98.6	
32-3a	Kanopolis	Smoky Hill River	Kanopolis, Kans.	7,860	[2] 2,560	July 1946	--	446,000	--	--	--	--	CE
	do	do	do	--	--	Sept. 1960	14.2	436,320	--	*50.0	.27	294	
32-4	Allington Reservoir	Sicily Creek	Beatrice, Nebr.	.52	.512	-- 1936	--	33.104	63.7	--	--	--	SCS
	do	do	do	--	--	-- 1956	20	14.704	28.3	*65	1.77	2,506	
32-5	Barnard Farm Reservoir	Indian Creek	do	.675	.661	Aug. 1947	--	30.5	45.2	--	--	--	SCS
	do	do	do	--	--	May 1956	8.75	22.22	32.9	*65	1.400	1,982	
32-6	Evers Reservoir	Trib. of Little Blue River	Hubbell, Nebr.	.175	.171	-- 1937	--	8.058	46.05	--	--	--	SCS
	do	do	do	--	--	-- 1958	21	2.301	13.15	*65	1.566	2,217	
32-7	Fling Estate	do	do	.108	.103	-- 1945	--	18.686	173.02	--	--	--	SCS
	do	do	do	--	--	-- 1958	13	13.852	128.26	*65	3.44	4,870	
32-8	Hansmire Reservoir	do	Reynolds, Nebr.	--	--	-- 1948	--	5.943	66.02	--	--	--	SCS
	do	do	do	--	--	-- 1958	10	3.641	40.46	*65	2.56	3,624	
32-9	Kapke Reservoir	do	Gladstone, Nebr.	.306	.302	-- 1913	--	9.806	32.05	--	--	--	SCS
	do	do	do	--	--	-- 1958	45	5.179	16.92	*65	.337	477	
32-10	Kuhns Reservoir No. 1	Bloody Run	Virginia, Nebr.	.422	.404	-- 1899	--	70.7	167.5	--	--	--	SCS
	do	do	do	--	--	-- 1956	57	30.8	73.0	*70	1.66	2,531	
32-11	Kuhns Reservoir No. 2	do	do	.102	.099	-- 1946	--	9.67	94.8	--	--	--	SCS
	do	do	do	--	--	-- 1956	10	8.06	79.0	*65	1.58	2,237	

32-12	Onner Reservoir	Trib. of Little Blue River	Gladstone, Nebr.	.292	.283	--	1946	--	5.587	19.13	--	--	--	SCS
	do	do	do	--	--	--	1958	12	3.735	12.79	*65	.537	746	
32-13	Peitham Reservoir	do	Hubbell, Nebr.	.216	.212	--	1950	--	9.934	45.99	--	--	--	SCS
	do	do	do	--	--	--	1958	8	5.574	25.81	*65	2.523	3,572	
32-14	Wit Reservoir	do	do	.191	.187	--	1946	--	12.274	64.26	--	--	--	SCS
	do	do	do	--	--	--	1958	12	6.522	34.15	*65	2.508	3,551	
32-15	Woody Hereford Ranch	Unnamed Trib.	Lincoln, Kans.	1.20	1.19	Nov.	1936	--	41.6	34.7	--	--	--	SCS
	do	do	do	--	--	Sept.	1955	19	23.6	19.7	*60	.79	932.5	
32-16	Daugherty	do	Russell, Kans.	.97	.96	Sept.	1947	--	22.5	23.2	--	--	--	SCS
	do	do	do	--	--	Sept.	1955	11	13.7	14.2	*60	.77	1,006	
	UPPER REPUBLICAN, NORTH PLATTE, RIVER BASINS (FT. LARAMIE TO NORTH PLATTE) AND SOUTH PLATTE RIVER BASIN (SUBLETTE TO NORTH PLATTE)													
33-1	Wellfleet	Medicine Creek	Wellfleet, Nebr.	[3] 15.00	14.89	Oct.	1931	--	519	34.6	--	--	--	SCS
	do	do	do	--	--	May	1937	5.6	464	30.9	*65	.66	934	
33-2	Lockhart Farm Pond	Trib. of N. Platte River	Gering, Nebr.	[4] 2.564	2.558	Aug.	1939	--	15.64	6.1	--	--	--	SCS
	do	do	do	--	--	July	1952	12.9	8.83	3.4	57.3	.206	257	
33-3	Harry Strunk Lake (Medicine Creek Dam).	Medicine Creek	Cambridge, Nebr.	656	653	Aug.	1949	--	92,340	140.8	--	--	--	BR
	do	do	do	--	--	Oct.	1951	2.2	90,920	138.6	71.4	.97	1,508	
33-4	Flannagin Reservoir	Trib. of Republican River	Bartley, Nebr.	.500	.497	--	1940	--	9.71	19.4	--	--	--	SCS
	do	do	do	--	--	--	1956	16	4.89	9.78	*70	.602	9,178	
33-5	Gallatin Reservoir	Trib. of Beaver Creek	Danberry, Nebr.	3.44	3.09	Apr.	1946	--	419.5	121.95	--	--	--	SCS
	do	do	do	--	--	Sept.	1956	10.4	381.6	110.9	*70	1.06	1,616	
33-6	Klein Reservoir	Trib. of Republican River	McCook, Nebr.	1.59	1.57	--	1936	--	106.2	66.8	--	--	--	SCS
	do	do	do	--	--	--	1956	20	56.0	35.2	*70	1.58	2,409	
33-7	Dempcy Pond	Trib. of East Curtis Creek	Moorefield, Nebr.	.516	.51	June	1949	--	11.00	21.31	--	--	--	ARS
	do	do	do	--	--	July	1953	4	10.10	19.57	--	.441	--	
	do	do	do	--	--	June	1958	4.9	9.12	17.67	75.6	.392	645	
33-8	Reichelt Stock Pond	Not Named	Julesburg, Colo.	.72	.71	Oct.	1950	--	22.12	31.6	--	--	--	SCS
	do	do	do	--	--	Nov.	1957	7	20.69	29.2	80.4	.28	780	
	NORTH PLATTE RIVER BASIN (ABOVE FT. LARAMIE) SOUTH PLATTE RIVER BASIN (ABOVE SUBLETTE)													
34-1	Castlewood	Cherry Creek	Denver, Colo.	167.2	166.9	--	1890	--	3,834	22.9	--	--	--	SCS
	do	do	do	--	--	Aug.	1933[5]	43	3,126	18.7	77.5	.099	167	
34-2	Kenwood	do	do	387	386	Mar.	1936	--	9,802	25.3	--	--	--	SCS
	do	do	do	--	--	June	1938	2.25	9,710	25.1	75.6	.106	175	
	do	do	do	--	--	June	1939	1.00	9,424	24.4	*75.6	.741	1,220	
34-3b	Guernsey Reservoir	North Platte River	Guernsey, Wyo.	16,200	[6] 5,400	Feb.	1927	--	73,810	--	--	--	--	BR
	do	do	do	--	--	Jan.	1931	3.83	67,840	12.31	--	.28	--	
	do	do	do	--	--	Jan.	1933	2.00	65,050	11.82	--	.26	--	
	do	do	do	--	--	Jan.	1935	2.00	62,940	11.44	--	.20	--	
	do	do	do	--	--	Feb.	1937	2.10	60,930	11.08	--	.18	--	
	do	do	do	--	--	Feb.	1939	2.00	58,430	10.81	--	.23	--	
	do	do	do	--	--	Jan.	1941	2.00	56,600	10.05	--	.17	--	
	do	do	do	--	--	Jan.	1944	3.00	53,180	9.83	--	.21	--	
	do	do	do	--	--	July	1947	3.50	49,150	9.10	--	.21	243	
	do	do	do	--	--	June	1957	9.92	44,800	8.30	60.7	[7] .084	107	
34-4	Lake Cheesman	South Platte R. and Goose or Lost Park Cr.	Deckers, Colo.	1,766	1,460	Oct.	1900	--	79,064	5.4	--	--	--	BR
	do	do	do	--	--	Sept.	1931	31	77,958	5.3	*70	.025	38.7	
34-5	Pathfinder	North Platte River	Alcova, Wyo.	10,700	[8] 3,315	June	1909	--	1,056,300	98.7	--	--	--	BR
	do	do	do	--	--	July	1950	41.1	1,015,876	94.9	81.1	.078	138	
34-6	Seminoe	do	Leo, Wyo.	7,348	7,317	--	1939	--	1,020,000	139	--	--	--	BR
	do	do	do	--	--	Sept.	1950	11.5	1,012,000	138	*65	.108	153	
34-7	Englewood	Little Dry Creek	Littleton, Colo.	9.40	9.25	--	1936	--	1,282.3	136.4	--	--	--	SCS
	do	do	do	--	--	Aug.	1956	19.5	1,215.2	129.0	--	.59	--	
	MISSOURI RIVER BASIN (ABOVE BLAIR TO NEBRASKA CITY) PLATTE RIVER BASIN (BELOW NORTH PLATTE)													
35-1	Otto Baak	Trib. of Soldier River	Ricketts, Iowa	.159	.157	Sept.	1944	--	6.91	43.5	--	--	--	SCS
	do	do	do	--	--	Apr.	1949	4.6	2.28	14.3	54.9	6.41	7,670	
35-2	Fred Brown	Trib. of Willow River	Logan, Iowa	.100	.097	June	1941	--	11.89	118.9	--	--	--	SCS
	do	do	do	--	--	May	1949	7.9	4.61	46.1	63.2	9.51	13,080	
35-3	William Esbeck	Trib. of Elkhorn River	Elkhorn, Iowa	.208	.204	May	1940	--	12.60	60.6	--	--	--	SCS
	do	do	do	--	--	May	1949	9.0	4.51	21.7	56.2	4.41	5,390	
35-4	G. & A. Evers Lower Reservoir.	Trib. of Boyer River	Denison, Iowa	.187	.139	Dec.	1936	--	6.63	35.5	--	--	--	SCS
	do	do	do	--	--	Apr.	1949	10.3	1.26	6.74	69.8	3.75	5,700	

[1] Surveys indicated no sediment deposited since survey in 1959.
[2] 7,860 prior to closure of Cedar Bluff Dam, September 1950.
[3] Excludes 2,859 sq. mi. of noncontributing drainage.
[4] Drainage area includes partial sediment trap for 0.133 sq. mi. and is estimated to retain 0.04 acre-foot of sediment per year.
[5] Dam failed in 1933; survey made in 1939.
[6] Drainage area below Alcova Dam.
[7] Includes releases from upstream storage.
[8] Area above Seminoe Dam which was closed in 1939 is excluded.
*Estimated or assumed.

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SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
MISSOURI RIVER BASIN (ABOVE BLAIR TO NEBRASKA CITY) PLATTE RIVER BASIN (BELOW NORTH PLATTE) (Continued)													
35-5	G. & A. Evers Upper Reservoir	Trib. of Boyer River---------	Denison, Iowa----------	0.045	0.044	Mar. 1939	--	1.90	42.2	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	10.1	.22	4.9	71.4	3.77	5,870	
35-6	Charles Fienhold----------	-----do----------	Dunlap, Iowa----------	.428	.425	May 1945	--	12.63	29.5	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	3.9	2.90	6.78	63.1	5.87	8,070	
35-7a	C. T. Gadd----------	Trib. of E. Nishnabotna River	Stennett, Iowa---------	.081	.079	Dec. 1940	--	14.48	179	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1949	8.4	12.82	158	63.9	2.354	3,280	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.1	11.98	148	57.9	2.53	3,190	
35-8	Otto Goslar----------	Trib. of Middle Soldier River	Charter Oak, Iowa------	.089	.086	May 1940	--	10.18	114	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1949	8.8	8.29	93.1	68.8	2.50	3,750	
35-9	Thomas Hodkin----------	Trib. of Boyer River---------	Dow City, Iowa---------	.130	.127	Aug. 1941	--	19.39	149	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1949	[1] 2.8	.21	1.62	83.2	53.9	97,740	
35-10	Fred Hollrah----------	Trib. of Willow Creek--------	Ute, Iowa----------	.217	.213	Aug. 1944	--	18.98	87.5	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1949	4.6	12.76	58.8	58.3	6.35	8,060	
35-11a	Jones Creek----------	Jones Creek----------	Pisgah, Iowa----------	2.26	2.23	Feb. 1942	--	254.2	113	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1949	6.9	221.8	98	47.8	2.11	2,197	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1.7	221.5	94	*61.8	2.68	3,620	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1953	2.3	199.2	88	61.8	2.40	3,230	
35-12a	Emma La Frontz----------	Trib. of Boyer River---------	Denison, Iowa----------	.155	.152	May 1942	--	15.28	98.6	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	6.9	10.38	67.0	56.7	4.67	5,767	
	-----do----------	-----do----------	-----do----------	--	--	July 1953	4.2	9.47	61.1	62.0	1.41	1,904	
35-13	Jenson-O'Neil Farm Pond------	Trib. of L. Nemaha River-----	Syracuse, Nebr.---------	.199	.193	Nov. 1936	--	23.7	119	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1948	12.0	16.8	84	56.9	2.97	3,680	
35-14	Peterson Farm Pond----------	-----do----------	-----do----------	.075	.074	Oct. 1936	--	2.06	27.5	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1948	11.75	.16	2.13	59.7	2.19	2,850	
35-15a	Alfred Lage----------	Trib. of Elk Creek----------	Aspinwall, Iowa--------	.184	.182	June 1941	--	11.23	61.0	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	7.8	8.56	46.5	53.2	1.681	1,950	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.2	7.14	38.8	51.9	1.85	2,090	
35-16a	Herman Lage----------	-----do----------	-----do----------	.038	.036	July 1941	--	12.07	318	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	7.8	10.83	285	54.8	4.417	5,270	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.2	8.98	249	49.5	16.1	17,358	
35-17a	Howard Mattson----------	Trib. of Boyer River---------	Denison, Iowa----------	.100	.098	July 1944	--	16.44	164	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	4.8	12.56	126	69.1	8.26	12,431	
	-----do----------	-----do----------	-----do----------	--	--	July 1953	4.3	5.71	57.1	87.1	16.3	30,900	
35-18a	Wilbur Meyer----------	-----do----------	-----do----------	.297	.293	Nov. 1944	--	43.80	147	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	4.4	37.33	125	56.3	3.601	4,420	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.2	34.63	117	56.1	2.79	3,420	
35-19a	Max Miller No. 1----------	Trib. of W. Nishnabotna River	Macedonia, Iowa--------	.223	.218	Nov. 1941	--	43.84	196	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1949	7.5	35.46	159	65.2	4.005	5,690	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.1	32.10	144	69.7	1.39	2,110	
35-20a	Max Miller No. 5----------	-----do----------	-----do----------	.233	.228	Nov. 1941	--	53.19	228	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1949	7.5	41.94	180	72.6	5.17	8,175	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.1	41.06	176	74.5	1.05	1,705	
35-21a	Barney Mundt.----------	Trib. of Boyer River---------	Denison, Iowa----------	.336	.330	Oct. 1944	--	41.35	123	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	4.5	33.08	98.6	54.8	3.29	3,930	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.2	29.22	86.9	55.5	3.09	3,740	
35-22a	Tracy North----------	-----do----------	Vail, Iowa----------	.245	.238	Nov. 1939	--	48.64	199	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1949	9.4	40.04	163	52.7	3.84	4,410	
	-----do----------	-----do----------	-----do----------	--	--	July 1953	4.3	37.41	153	55.7	2.57	3,120	
35-23	Lake Ericson----------	Cedar River----------	Ericson, Nebr.----------	500	41	May 1915	--	--	--	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1958	32.9	1,066	26	80	.434	756	
35-24	Roe Farm Pond----------	Trib. of Turkey Creek--------	Dannebrog, Nebr.--------	.18	.18	July 1947	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1953	5	--	--	*65	.39	505	

35-25	Howe Farm Pond	Trib. of Dead Horse Creek	Loup City, Nebr.	1.80	1.79	Aug.	1948	--	15.6	9	--	--	--	SCS
	do	do	do	--	--	Aug.	1953	5	13.9	8	*65	0.20	283	
35-26	Moller Farm Pond	Trib. of Oak Creek	Farewell, Nebr.	.358	.354	Aug.	1949	--	15.40	43	--	--	--	SCS
	do	do	do		--	Aug.	1953	4	14.39	40	*65	.71	1,005	
35-27	Ruzicka Farm Pond	do	do	.27	2.6	Aug.	1949	--	30.74	114	--	--	--	SCS
	do	do	do	--	--	Aug.	1953	4	28.03	104	*65	2.62	3,709	
35-28	Brehmer Reservoir	Trib. of L. Nemaha River	Dunbar, Nebr.	.184	.180	--	1952	--	11.78	64.02	--	--	--	SCS
	do	do	do	--	--	--	1957	5	9.93	54.0	*65	2.01	2,846	
35-29	Cook Reservoir	Trib. of Papillion Creek	Arlington, Nebr.	.391	.383	--	1934	--	29.4	75.2	--	--	--	SCS
	do	do	do	--	--	--	1957	23	21.1	54.0	*65	.921	1,304	
35-30	Ingwerson Reservoir No. 1	Turkey Creek	Louisville, Nebr.	.211	.209	--	1952	--	12.17	57.7	--	--	--	SCS
	do	do	do	--	--	--	1957	5	10.19	48.3	*65	2.05	2,902	
35-31	Ingwerson Reservoir No. 2	do	do	.074	.073	--	1952	--	0.72	9.73	--	--	--	SCS
	do	do	do	--	--	--	1957	5	0.19	2.57	*65	1.43	2,024	
35-32	Ingwerson Reservoir No. 3	do	do	.335	.331	--	1954	--	18.73	55.9	--	--	--	SCS
	do	do	do	--	--	--	1957	3	17.01	50.8	*65	1.71	2,421	
35-33	Kruse Reservoir	Papillion Creek	Elkhorn, Nebr.	.80	.779	--	1936	--	61.5	76.9	--	--	--	SCS
	do	do	do	--	--	--	1957	21	11.2	14.0	*65	2.99	4,233	
35-34	Lung Reservoir	Unnamed	Douglas, Nebr.	.263	.257	--	1946	--	12.8	48.7	--	--	--	SCS
	do	do	do	--	--	--	1957	11	4.33	16.5	*65	2.93	4,148	
35-35	Niebuer Reservoir	Trib. of L. Nemaha River	Dunbar, Nebr.	.163	.158	--	1949	--	14.48	88.8	--	--	--	SCS
	do	do	do	--	--	--	1957	8	10.92	67.0	*65	2.72	3,851	
35-36	O'Brien Reservoir	South Cedar Creek	Manley, Nebr.	.417	.412	--	1937	--	22.09	52.97	--	--	--	SCS
	do	do	do	--	--	--	1957	20	7.28	17.5	*65	1.77	2,506	
35-37	O'Neill Reservoir	Trib. of L. Nemaha River	Syracuse, Nebr.	.140	.130	--	1936	--	35.69	254.9	--	--	--	SCS
	do	do	do	--	--	--	1957	21	23.98	171.3	*65	3.99	5,649	
35-38	Pickrell Reservoir No. 1	Russell Creek	Unadilla, Nebr.	.336	.326	--	1949	--	35.76	106.4	--	--	--	SCS
	do	do	do	--	--	--	1957	8	32.35	96.3	*65	1.27	1,798	
35-39	Pickrell Reservoir No. 2	do	do	.102	.100	--	1954	--	3.18	31.2	--	--	--	SCS
	do	do	do	--	--	--	1957	3	2.96	29.0	*65	.725	1,026	
35-40	Pickrell Reservoir No. 3	do	do	.088	.086	--	1939	--	5.04	57.3	--	--	--	SCS
	do	do	do	--	--	--	1957	18	1.40	15.9	*65	2.31	3,270	
35-41	Pickrell Reservoir No. 4	do	do	.114	.113	--	1934	--	2.30	20.18	--	--	--	SCS
	do	do	do	--	--	--	1957	23	1.60	14.04	*65	.272	385	
35-42	Pollard Reservoir	Weeping Water Creek	Nehawka, Nebr.	.100	.098	--	1936	--	7.63	76.3	--	--	--	SCS
	do	do	do	--	--	--	1957	21	4.38	43.8	*65	1.55	2,194	
35-43	Ross Farm Reservoir	N. Fork Little Fox Creek	Otoe, Nebr.	.077	.074	--	1948	--	8.12	105.5	--	--	--	SCS
	do	do	do	--	--	--	1957	9	6.71	87.1	*65	2.04	2,888	
35-44	Rowher Reservoir	Long Creek	Fort Calhoun, Nebr.	.30	.298	--	1949	--	12.7	42.3	--	--	--	SCS
	do	do	do	--	--	--	1957	8	4.12	13.7	*65	3.57	5,054	
35-45	Mule Creek "A"	Trib. of Mule Creek	Malvern, Iowa	.188	.177	July	1954	--	43.9	234	--	--	--	SCS
	do	do	do	--	--	Oct.	1956	2.33	42.0	224	73.4	4.63	7.4	
	do	do	do	--	--	Sept.	1957	.92	40.2	214	73.4	11.4	18.2	
	do	do	do	--	--	Oct.	1958	1.08	39.6	211	72.3	3.11	4.9	
	do	do	do	--	--	Jan.	1960	1.33	38.9	207	58.7	2.99	3.8	
	do	do	do	--	--	Dec.	1960	.92	36.5	194	60.3	14.5	19.0	
35-46	Mule Creek "B"	do	do	.383	.368	Aug.	1954	--	55.3	144	--	--	--	SCS
	do	do	do	--	--	Oct.	1956	2.17	52.6	137	72.6	3.31	5.2	
	do	do	do	--	--	Sept.	1957	.92	51.8	135	69.5	2.55	3.9	
	do	do	do	--	--	Oct.	1958	1.08	50.3	131	59.2	3.64	4.7	
	do	do	do	--	--	Jan.	1960	1.33	47.6	124	67.2	5.52	8.1	
	do	do	do	--	--	Dec.	1960	.92	47.1	123	55.3	1.55	1.9	
35-47	Mule Creek "C"	do	do	[2] .916	.323	July	1954	--	76.2	--	--	--	--	SCS
	do	do	do	--	--	Oct.	1956	2.33	73.8	--	53.9	3.28	3.9	
	do	do	do	--	--	Sept.	1957	.92	69.1	--	66.1	15.5	22.3	
	do	do	do	--	--	Oct.	1958	1.08	67.8	--	59.8	3.90	5.1	
	do	do	do	--	--	Jan.	1960	1.33	66.9	--	61.9	1.98	2.7	
	do	do	do	--	--	Dec.	1960	.92	64.9	--	55.2	6.69	8.0	
35-48	Mule Creek "P"	do	do	.063	.060	Oct.	1955	--	19.4	308	--	--	--	SCS
	do	do	do	--	--	Nov.	1956	1.08	18.6	294	77.2	13.3	22.4	
	do	do	do	--	--	Sept.	1957	.83	17.7	280	57.8	17.9	22.5	
	do	do	do	--	--	Sept.	1958	1.00	17.6	279	72.8	1.5	2.4	
	do	do	do	--	--	Jan.	1960	1.33	17.1	272	44.5	5.83	5.6	
	do	do	do	--	--	Dec.	1960	.92	16.3	258	56.5	15.3	18.9	
35-49	Mule Creek "R"	do	do	.819	.796	Oct.	1955	--	103	127	--	--	--	SCS
	do	do	do	--	--	Oct.	1956	1.00	100	123	66.4	4.17	6.0	
	do	do	do	--	--	Sept.	1957	.92	97.4	119	64.4	3.98	5.6	
	do	do	do	--	--	Sept.	1958	1.00	97.2	119	64.8	.40	.6	
	do	do	do	--	--	Jan.	1960	1.33	946	116	55.6	2.39	2.9	
	do	do	do	--	--	Dec.	1960	.92	93.2	114	55.7	1.93	2.3	

[1] Reservoir silted full June 1944.

[2] Includes upstream structures.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ. MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			RIVER BASIN (NIOBRARA TO ABOVE BLAIR) JAMES AND BIG SIOUX RIVER BASINS										
36-1	Split Rock	Trib. of Big Sioux River	Ihlen, Minn.	41.3	41.1	July 1938	--	899.0	21.8	--	--	--	SCS
	do	do	do	--	--	June 1949	10.9	692.1	16.8	42.8	0.462	431	
36-2a	C. A. Stiles	Trib. of Ashton Creek	Washta, Iowa	.593	.572	Dec. 1940	--	52.5	133	--	--	--	SCS
	do	do	do	--	--	Mar. 1949	8.3	46.1	119	46.9	1.54	1,580	
	do	do	do	--	--	Sept. 1950	1.5	44.5	117	*57.8	1.82	2,300	
	do	do	do	--	--	Feb. 1953	2.4	43.3	114	57.8	.98	1,240	
36-3	Farmers' Ditch Old *Desilting Basin	Farmers' Ditch	Bronson, Iowa	22.9	21.4	Apr. 1941	--	674	29.4	--	--	--	SCS
	do	do	do	--	--	Feb. 1945	3.8	275	12.0	68.3	4.91	7,300	
36-4	Strunk Farm Pond	Trib. of Clay Creek	Mayfield, S. Dakota	.408	.407	July 1947	--	4.09	10.5	--	--	--	SCS
	do	do	do	--	--	July 1953	6	3.37	8.28	*65	.30	411	
36-5	Broderson Farm Pond	do	Volin, S. Dakota	2.46	2.45	July 1951	--	25.19	10	--	--	--	SCS
	do	do	do	--	--	July 1953	2	20.10	8	*55	1.04	1,246	
36-6	Masters Upper Reservoir	Trib. of Maple River	Mapleton, Iowa	.178	.169	Dec. 1949	--	37.95	213	--	--	--	SCS
	do	do	do	--	--	Sept. 1950	.79	[1] 38.20	214	--	--	--	
	do	do	do	--	--	Aug. 1951	.87	35.25	198	*77.7	[2] 20.1	[2] 34,015	
	do	do	do	--	--	Apr. 1952	.73	34.80	195	*77.7	[2] 3.67	[2] 6,211	
	do	do	do	--	--	Nov. 1952	.60	34.80	195	77.7	--	--	
36-7	Nepper Main	do	do	.196	.186	Mar. 1949	--	38.1	194	--	--	--	SCS
	do	do	do	--	--	July 1950	1.37	37.8	193	*76.1	1.25	2,070	
	do	do	do	--	--	July 1951	1.01	34.4	176	76.1	17.96	29,768	
	do	do	do	--	--	Nov. 1952	1.31	34.4	176	76.1	--	--	
36-8	Nepper Southwest	do	do	.075	.069	Mar. 1949	--	8.45	113	--	--	--	SCS
	do	do	do	--	--	Aug. 1950	1.42	8.45	113	*72.7	([3])	([3])	
	do	do	do	--	--	Aug. 1951	.98	7.88	105	72.7	8.41	13,319	
	do	do	do	--	--	Nov. 1952	1.30	7.88	105	72.7	([3])	([3])	
36-9	Theobold Main	Trib. of Little Sioux River	Anthon, Iowa	.483	.442	June 1949	--	103.2	213	--	--	--	SCS
	do	do	do	--	--	Aug. 1950	1.15	94.0	195	*72.3	18.1	28,502	
	do	do	do	--	--	May 1951	.72	93.5	194	72.3	1.36	2,142	
	do	do	do	--	--	Oct. 1952	1.38	89.2	185	72.3	7.13	11,228	
36-10	Theobold Lateral C.	do	do	.250	.234	Nov. 1948	--	37.5	150	--	--	--	SCS
	do	do	do	--	--	July 1950	1.70	34.5	138	*67.9	7.65	11,313	
	do	do	do	--	--	May 1951	.83	34.3	137	*67.9	1.08	1,597	
	do	do	do	--	--	May 1952	.94	33.5	134	67.9	3.60	5,324	
36-11	Theobold Lateral D.	do	do	.098	.089	Nov. 1948	--	19.5	199	--	--	--	SCS
	do	do	do	--	--	July 1950	1.71	18.9	193	*73.1	3.63	5,780	
	do	do	do	--	--	May 1951	.82	18.7	191	*73.1	2.86	4,560	
	do	do	do	--	--	Oct. 1952	1.42	18.6	190	73.1	.72	1,146	
36-12	Mortenson	do	Cherokee, Iowa	1.39	1.37	Oct. 1950	--	229.0	45.7	--	--	--	SCS
36-13	Bartlett	Green Creek	Alcester, S. Dakota	.234	.234	Nov. 1936	--	12.84	55.0	--	--	--	SCS
	do	do	do	--	--	Nov. 1955	19	6.86	29.0	77.0	1.35	2,264	
36-14	Lake Mitchell	Firesteel Creek	Mitchell, S. Dakota	584	496	Oct. 1928	--	10,943	22.06	--	--	--	SCS
	do	do	do	--	--	July 1948	19.8	10,380	20.93	46.79	.057	58.10	
	do	do	do	--	--	Aug. 1958	10.0	9,798	19.76	46.79	.117	119.26	
36-15	Salem Dam	Silver Creek	Sioux Falls, S. Dakota	1.158	1.158	Aug. 1950	--	12.79	11.04	--	--	--	SCS
	do	do	do	--	--	Aug. 1955	5.0	8.16	7.05	*60	.80	1,045.44	
36-16	Scott No. 2	Scott Creek	Alcester, S. Dakota	.152	.152	Oct. 1936	--	7.36	48.42	--	--	--	SCS
	do	do	do	--	--	Apr. 1955	18.5	3.14	20.65	56.4	1.52	1,867.2	
			MISSOURI RIVER BASIN (ABOVE PIERRE TO NIOBRARA) Niobrara and White River Basins										
37-1	Elkins Stock Pond No. 1	Br. of Frozenman Creek	Hayes, S. Dakota	0.58	0.57	May 1907	--	18.61	32.1	--	--	--	SCS
	do	do	do	--	--	June 1937	28	15.78	27.2	41.3	0.17	153	
37-2	Elkins Stock Pond No. 2	do	do	.33	.33	May 1911	--	4.34	13.2	--	--	--	SCS
	do	do	do	--	--	June 1937	26.0	3.18	9.64	36.6	.136	108	
37-3	Land Utilization Project No. 226-1.	Trib. of Bad River	Pierre, S. Dakota	.203	.197	Mar. 1936	--	16.7	82.3	--	--	--	SCS
	do	do	do	--	--	July 1945	9.3	15.2	74.9	--	.822	--	

37-4	Land Utilization Project No. 226-2.	Trib. of Missouri River-----	-----do----------	.995	.981	Mar.	1936	--	34.0	34.2	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	9.3	29.8	29.9	--	.458	--	
37-5	Land Utilization Project No. 226-4.	Trib. of Bad River----------	Pierre, S. Dakota---	.748	.742	May	1936	--	13.6	18.2	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	9.2	9.9	13.2	--	.539	--	
37-6	Land Utilization Project No. 226-6.	Trib. of Missouri River-----	-----do----------	2.555	2.541	Apr.	1936	--	31.8	12.4	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	9.3	25.1	9.82	--	.285	--	
37-7	Land Utilization Project No. 226-13.	Trib. of Bad River----------	-----do----------	.166	.163	Oct.	1936	--	9.1	54.8	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	8.7	8.3	50.0	--	.521	--	
37-8	Land Utilization Project No. 226-21.	Trib. of Missouri River-----	-----do----------	.245	.234	Oct.	1936	--	28.9	118	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	8.7	26.1	107	--	1.389	--	
37-9	Land Utilization Project No. 226-22.	Trib. of Bad River----------	-----do----------	.514	.511	Nov.	1936	--	9.2	17.9	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	8.7	8.3	16.1	--	.200	--	
37-10	Land Utilization Project No. 226-25.	Trib. of Missouri River-----	-----do----------	.147	.144	Nov.	1937	--	9.3	63.3	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	7.7	8.4	57.1	--	.799	--	
37-11	Land Utilization Project No. 226-31.	-----do----------	-----do----------	.225	.220	Mar.	1937	--	13.9	61.8	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	8.3	12.3	54.7	--	.859	--	
37-12	Land Utilization Project No. 226-32	-----do----------	-----do----------	.477	.472	Mar.	1937	--	14.1	29.6	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	8.3	12.1	25.4	--	.508	--	
37-13	Land Utilization Project No. 226-34.	-----do----------	-----do----------	1.222	1.209	June	1937	--	44.3	36.3	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	8.1	40.0	32.7	--	.443	--	
37-14	Land Utilization Project No. 226-35.	-----do----------	-----do----------	.508	.502	May	1938	--	18.4	36.2	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	7.2	16.1	31.7	--	.631	--	
37-15	Land Utilization Project No. 243-1.	-----do----------	-----do----------	.108	.106	Nov.	1937	--	2.7	25.0	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	7.7	2.0	18.5	--	.811	--	
37-16	Land Utilization Project No. 243-2.	Unnamed Stream (interior drainage)	-----do----------	.134	.131	Nov.	1937	--	5.2	38.8	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	7.7	3.0	22.4	--	2.206	--	
37-17	Land Utilization Project No. 243-5.	Trib. of Missouri River-----	-----do----------	.072	.070	Nov.	1937	--	2.6	36.1	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	7.7	2.2	30.6	--	.700	--	
37-18	Land Utilization Project No. 243-6.	Trib. of Bad River----------	-----do----------	.117	.116	Nov.	1937	--	3.2	27.4	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	7.7	2.8	23.9	--	.474	--	
37-19	Land Utilization Project No. 243-10.	Trib. of Missouri River-----	-----do----------	.533	.532	June	1938	--	3.7	6.94	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	7.1	2.9	5.44	--	.222	--	
37-20	Land Utilization Project No. 243-11.	-----do----------	-----do----------	.339	.338	July	1938	--	4.5	13.3	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1945	7.0	3.9	11.5	--	.266	--	
37-21	Harris Reservoir North-------	Unnamed----------	Gordan, Nebr--------	.577	.573	May	1947	--	7.3	12.7	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1956	9.5	5.57	9.65	*70	.315	480	
37-22	Harris Reservoir South-------	-----do----------	-----do----------	11.9	11.85	May	1947	--	18.64	1.57	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1956	9.5	15.77	1.33	*70	.025	38	
37-23	Johnson Reservoir----------	-----do----------	-----do----------	.856	.849	--	1946	--	16.25	18.98	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1956	10.3	12.39	14.47	*70	.435	663	
37-24	Lake Dante----------	Trib. of Choteau Creek------	Wagner, S. Dakota---	2.89	2.89	Nov.	1937	--	260.73	90.2	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1955	17.9	230.95	87.0	*60	.197	257.44	

MISSOURI RIVER BASIN (MOBRIDGE TO ABOVE PIERRE)
Cheyenne and Belle Fourche River Basins

38-1	Johnson's Stock Pond---------	Trib. of L. Cheyenne Creek---	Gettysbrug, S. Dakota	0.191	0.188	--	1912	--	2.56	13.4	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1937	25.0	1.85	9.69	58.1	0.16	202	
38-2	Bartel Stock Pond----------	Little Cheyenne Creek--------	-----do----------	.609	.606	--	1908	--	4.30	7.06	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1937	29.0	2.80	4.60	53.6	.08	93.4	
38-3	W-14 (Anderson)----------	Trib. of Fourmile Creek------	Vale, S. Dakota-----	.054	.054	Nov.	1956	--	5.60	104	--	--	--	ARS
	-----do----------	-----do----------	-----do----------	--	--	July	1958	1.6	5.14	95	--	5.37	--	
	-----do----------	-----do----------	-----do----------	--	--	July	1961	3.0	4.73	88	--	2.59	--	
38-4	W-9 (Smeenk)----------	Sulphur Creek----------	Sulphur, S. Dakota--	1.27	1.27	Nov.	1951	--	350.9	276	--	--	--	ARS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1957	5.8	332.7	262	--	2.45	--	
	-----do----------	-----do----------	-----do----------	--	--	June	1961	3.8	337.7	266	--	--	--	

[1] Increase in capacity in 1950 was due to settlement of dam.
[2] Does not include 1949-50 period when capacity increased because of sediment.
[3] Negligible.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			MISSOURI RIVER BASIN (WILLISTON TO MOBRIDGE) Moreau, Grand, Cannonball, Heart, and Little Missouri River Basins										
39-1	Frederick Stock Dam	Louse Creek	Flasher, N. Dakota	1.17	1.17	-- 1935	--	1.06	0.906	--	--	--	SCS
	do	do	do	--	--	Aug. 1956	21	.864	.738	*35	0.00797	6.07	
39-2	Hiddenwood Lake	Hiddenwood Creek	Selby, S. Dakota	31.8	27.2	May 1926	--	207.78	7.66	--	--	--	SCS
	do	do	do	--	--	Sept. 1959	33.3	165.70	6.1	55.0	.04	47.52	
			MISSOURI RIVER BASIN (ZORTMAN TO WILLISTON) Milk and Musselshell River Basins										
40-1	Yellow Water	Yellow Water Creek	Winnett, Mont.	55	54	June 1938	--	4,796	87.2	--	--	--	SCS
	do	do	do	--	--	Sept. 1948	10.3	4,616	84.0	32	0.32	224	
			MISSOURI RIVER BASIN (ABOVE ZORTMAN)										
41-1	Anderson Reservoir	Trib. of Pondera Creek	Conrad, Mont.	0.156	0.156	-- 1916	--	9.27	59.42	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	39	8.44	54.10	*60	0.136	183	
41-2	Kropp	do	do	.625	.625	-- 1900	--	4.70	7.52	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	55	3.84	6.15	*60	.025	37	
41-3	Walston	do	do	2.96	2.96	-- 1915	--	66.13	22.34	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	40	51.71	17.48	*60	.122	166	
			LOWER YELLOWSTONE RIVER BASIN Tongue and Powder River Basins										
42-1	Baker	Sandstone Creek	Baker, Mont.	5.20	5.01	May 1908	--	756	145	--	--	--	SCS
	do	do	do	--	--	May 1937	29.1	502	96.5	39	1.74	1,478	
42-2	Tongue River	Tongue River	Decker, Mont.	1,740	1,734	May 1939	--	72,510	41.67	--	--	--	BR
	do	do	do	--	--	Oct. 1948	9.42	69,439	39.91	70.5	.188	288.7	
			UPPER YELLOWSTONE RIVER BASIN										
43-1a	Buffalo Bill	Shoshone River	Cody, Wyo.	1,470	1,470	May 1910	--	455,838	310.1	--	--	--	BR
	do	do	do	--	--	-- 1941	31.7	439,851	299.2	--	0.34	--	
	do	do	do	--	--	-- 1958	17.0	421,333	286.6	--	.62	--	
43-2	Big Gin	Trib. Fifteenmile Creek	Worland, Wyo.	.942	.918	Oct. 1954	--	99.2	105	--	--	--	GS
	do	do	do	--	--	Oct. 1955	1	98.1	104	--	1.2	--	
	do	do	do	--	--	Oct. 1958	3	96.0	102	--	.8	--	
	do	do	do	--	--	Oct. 1961	3	93.2	99	--	1.0	--	
43-3	Fraser Draw	Fraser Draw	Moneta, Wyo.	27.4	27.4	Oct. 1954	--	90.2	3.3	--	--	--	GS
	do	do	do	--	--	Oct. 1958	4	87.7	3.2	--	.02	--	
	do	do	do	--	--	Nov. 1960	2	83.3	3.0	--	.08	--	
43-4	East Fork	Graham Draw	do	.81	.81	June 1949	--	12.30	15.2	--	--	--	GS
	do	do	do	--	--	Nov. 1949	.42	11.73	14.5	--	1.68	--	
	do	do	do	--	--	May 1952	2.54	11.01	13.6	--	.35	--	
	do	do	do	--	--	Oct. 1955	3.42	10.83	13.4	--	.06	--	
	do	do	do	--	--	Oct. 1957	2.00	10.61	13.1	--	.14	--	
	do	do	do	--	--	Oct. 1960	3.00	10.58	13.0	--	.01	--	
43-5	West Fork	do	do	.38	.38	July 1948	--	3.13	8.2	--	--	--	GS
	do	do	do	--	--	Nov. 1949	1.25	2.94	7.7	--	.39	--	
	do	do	do	--	--	May 1952	2.54	2.54	6.7	--	.42	--	
	do	do	do	--	--	Oct. 1955	3.42	2.62	6.9	--	0	--	
	do	do	do	--	--	Oct. 1957	2.00	2.59	6.8	--	.05	--	
	do	do	do	--	--	Oct. 1960	3.00	2.47	6.5	--	.11	--	
43-6	Red Spires	Rock Waterhole Creek	Worland, Wyo.	5.24	5.20	Oct. 1954	--	193.4	36.9	--	--	--	GS
	do	do	do	--	--	Oct. 1955	1	191.3	36.5	--	.40	--	
	do	do	do	--	--	Oct. 1958	3	176.1	33.6	--	.98	--	
	do	do	do	--	--	Oct. 1961	3	154.5	29.5	--	1.38	--	

ARKANSAS RIVER BASIN (VAN BUREN TO LITTLE ROCK) WHITE RIVER BASIN

44-1	Lake Bennett	East Fork Creek	Conway, Ark.	4.16	4.11	June 1935	--	494	119	--	--	--	SCS
	do	do	do	--	--	Nov. 1935	0.4	490	118	--	2.63	--	
	do	do	do	--	--	Nov. 1946	11.0	481	116	--	.20	--	
44-2	Lake Booneville	Trib. of Petit Jean Creek	Booneville, Ark.	2.60	2.57	Mar. 1929	--	289	111	--	--	--	SCS
	do	do	do	--	--	Nov. 1935	6.75	282	108	--	.455	--	
44-3	Lake Fort Smith	Jack and Jones Creeks	Mountainburg, Ark.	65	64	Feb. 1936	--	13,810	212	--	--	--	SCS
	do	do	do	--	--	Apr. 1940	4.2	13,727	211	--	.31	--	
44-4	Lake Bailey	Cedar Creek	Morrilton, Ark.	15.2	15	Sept. 1937	--	629	41	--	--	--	SCS
	do	do	do	--	--	May 1940	2.7	602	40	--	.66	--	
44-5	Lake Taneycomo	White River	Branson, Mo.	4,610	4,606	Mar. 1913	--	43,980	9.54	--	--	--	SCS
	do	do	do	--	--	Aug. 1935	22.4	23,714	5.14	--	.196	--	
44-6	Nimrod	Fourche La Fave River	Nimrod, Ark.	680	652	May 1942	--	336,000	494	--	--	--	CE
	do	do	do	--	--	Apr. 1950	7.9	[1] 336,000	[1] 494	--	([1])	--	
44-7	Norfork	North Fork River	Norfork, Ark.	1,806	1,772	June 1943	--	1,560,500	864	--	--	--	CE
	do	do	do	--	--	May 1950	6.9	[2] 1,560,500	[2] 864	--	([2])	--	
44-8	Cove Lake	Arkansas River Trib.	Paris, Ark.	10.90	10.66	May 1938	--	2,206	207	--	--	--	SCS
	do	do	do	--	--	Dec. 1953	15.5	2,141	201	--	.39	--	
44-9	Charleston Lake	do	Charleston, Ark.	1.03	.93	Apr. 1937	--	325	314	--	--	--	SCS
	do	do	do	--	--	Dec. 1953	16.66	264	256	--	3.94	--	
44-10	Sixmile Creek No. 2	Shaver Creek	Caulksville, Ark.	5.38	5.26	Oct. 1954[3]	--	1,613.93	300	--	--	--	SCS
						July 1961[3]	6.67	1,608.15	299	--	.17	--	
						Oct. 1954[4]	--	309.52	58	--	--	--	
	do	do	do	--	--	July 1961[4]	6.67	301.01	56	--	.24	--	
44-11	Sixmile Creek No. 5	Little Caney Creek	do	1.90	1.81	Dec. 1954[3]	--	860.98	453	--	--	--	SCS
						July 1961[3]	6.63	854.63	450	--	.53	--	
						Dec. 1954[4]	--	221.96	117	--	--	--	
	do	do	do	--	--	July 1961[4]	6.63	215.77	114	--	.51	--	
44-12	Sixmile Creek No. 23	Trib. of Hurricane Creek	Peter Pender, Ark.	4.16	3.91	July 1955[3]	--	989.25	238	--	--	--	SCS
						July 1961[3]	6.00	983.27	236	--	.26	--	
						July 1955[4]	--	75.92	18	--	--	--	
	do	do	do	--	--	July 1961[4]	6.00	70.64	17	--	.23	--	

ARKANSAS RIVER BASIN (TULSA TO VAN BUREN)
Grand, Verdigris, and Lower Canadian River Basins

45-1	Lake Wedington	Trib. of Illinois River	Fayetteville, Ark.	4.06	3.92	July 1937	--	1,260	310	--	--	--	SCS
	do	do	do	--	--	Aug. 1947	10.1	1,249	308	--	0.278	--	
45-2	Wilson	Wilson Creek	do	2.35	2.30	Oct. 1930	--	522	222	--	--	--	SCS
	do	do	do	--	--	June 1940	9.75	517	220	--	.23	--	
45-3	Lake Sapulpa	Euchee Creek	Sapulpa, Okla.	8.72	8.57	-- 1913	--	1,094	125	--	--	--	SCS
	do	do	do	--	--	Dec. 1935	22.5	911	104	--	.949	--	
	do	do	do	--	--	Dec. 1946	11.0	842	97	--	.732	--	
45-4a	Brown Lake	Peaceable Creek	McAlester, Okla.	20.9	19.9	May 1943	--	4,995	251	--	--	--	SCS
	do	do	do	--	--	July 1952	9.2	4,660	234	54.2	1.83	2,160	
45-5	Lake McAlester	Bull Creek	do	30.7	28.2	-- 1919	--	18,397	599	--	--	--	SCS
	do	do	do	--	--	Sept. 1941	22	17,509	570	--	1.43	--	
45-6	Lake Okmulgee	Salt Creek	Okmulgee, Okla.	40.1	39.2	-- 1928	--	10,355	258	--	--	--	SCS
	do	do	do	--	--	Apr. 1950	22	9,896	247	--	.532	--	
45-7a	Shawnee Lake	Deer Creek	Shawnee, Okla.	21.2	18.9	Aug. 1937[5]	--	[5] 22,600	1,066.0	--	--	--	SCS
								24,468	1,154.2	--	--	--	
	do	do	do	--	--	Dec. 1947[6]	12.3	[7] 23,816	1,123.4	94.72	2.8	5,776	
								23,429	1,105.1	--	--	--	
	do	do	do	--	--	Mar. 1957	9.2	[7] 22,324	1,053.2	94.72	2.7	5,339	
45-8	Taft Lake	Br. of Pecan Creek	Taft, Okla.	2.3	2.2	-- 1937	--	580	252	--	--	--	SCS
	do	do	do	--	--	Sept. 1947	10	574	250	--	.29	--	
45-9	Hiwassee Lake	Trib. of Deep Fk. Creek	Arcadia, Okla.	4.58	4.29	-- 1936	--	2,341	511	--	--	--	SCS
	do	do	do	--	--	Apr. 1950	14	2,158	471	--	3.05	--	
45-10	Lake Carleton	Fourche Maline Creek	Wilburton, Okla.	19.8	19.7	-- ([8])	--	570	29	--	--	--	SCS
	do	do	do	--	--	July 1947	14	511	26	--	.21	--	
45-11	Holdenville City Lake	Beemore Creek	Holdenville, Okla.	8.95	8.30	June 1931	--	9,844	1,100	--	--	--	SCS
	do	do	do	--	--	Apr. 1950	18.8	9,030	1,009	--	5.22	--	
45-12	Pretty Water Lake	Pretty Water Creek	Sapulpa, Okla.	2.43	2.40	Mar. 1936	--	344	142	--	--	--	SCS
	do	do	do	--	--	Dec. 1946	10.75	322	133	--	.85	--	
45-13	Greenleaf Lake	Big Greenleaf Creek	Muskogee, Okla.	81.25	79.84	Mar. 1937	--	13,005	160	--	--	--	SCS
	do	do	do	--	--	Nov. 1941	4.7	12,828	158	--	.47	--	
45-15	Kirk Lake	Trib. of Neosho River	Iola, Kans.	2.41	2.36	-- 1897	--	111	46	--	--	--	SCS
	do	do	do	--	--	Sept. 1939	42	69	29	48.10	.43	450	

[1] Suspended-load inflow was 608 acre-feet; suspended-load outflow was 200 acre-feet during period. Deposits too small to measure by range survey.
[2] Sediment inflow volume was computed to be 2,350 acre-feet; much of this probably settled out over a large area in deposits too thin to be measured accurately by echo sounders.
[3] Flood pool.
[4] Sediment pool.
[5] Original topographic survey.
[6] From "A" reconnaissance investigations, Shawnee Lake, by Victor H. Jones, Geologist, SCS.
[7] Present acre-feet as shown by the two surveys.
[8] Original at 1938 crest.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ. MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			ARKANSAS RIVER BASIN (TULSA TO VAN BUREN) Grand, Verdigris, and Lower Canadian River Basins (Continued										
45-16	Lowell	Sprg. R. & Shoal Creek	Baxter Springs, Kans.	2,210.0	2,208.5	Mar. 1905	--	10,404	4.71	--	--	--	SCS
	do	do	do	--	--	Aug. 1939	34.4	7,580	3.43	60	0.04	52.3	
45-17	Neosho County State Lake (Lake McKinley).	Small Trib. of Neosho River	Parsons, Kans.	3.38	3.24	July 1927	--	680	201	--	--	--	SCS
	do	do	do	--	--	Aug. 1939	12.1	651	193	60	.74	967	
45-18	Lake Claremore	Dog Creek	Claremore, Okla.	56.44	55.70	May 1931	--	4,258	75	--	--	--	SCS
	do	do	do	--	--	Oct. 1939	8.4	3,909	69	51.17	.749	835	
45-19	Lake Spavinaw	Spavinaw Creek	Spavinaw, Okla.	400.0	397.2	Apr. 1924	--	31,686	79.2	--	--	--	SCS
	do	do	do	--	--	July 1935	11	30,509	76.3	--	.269	--	
45-20	Kennamer Lake	Trib. of Pryor Creek	Chelsea, Okla.	.28	.27	-- 1923	--	28	100	--	--	--	SCS
	do	do	do	--	--	-- 1939	16	26.5	94.6	--	.35	--	
45-21	State Fish Hatchery L	Happy Creek	Claremore, Okla.	1.21	1.20	-- 1934	--	34.0	28.1	--	--	--	SCS
	do	do	do	--	--	-- 1939	5	32.9	27.2	--	.18	--	
45-22	Lake Scarbow	Trib. of Pryor Creek	Pryor, Okla.	3.07	3.04	-- 1931	--	123	40.1	--	--	--	SCS
	do	do	do	--	--	-- 1939	8	111.9	36.4	--	.46	--	
45-23	Wewoka Lake	Coon Cr. or Spring Cr.	Wewoka, Okla.	16.27	15.72	July 1925	--	[1] 4,961	305	--	--	--	SCS
	do	do	do	--	--	Apr. 1945	19.6	[1] 4,489	276	--	1.51	--	
	do	do	do	--	--	Feb. 1954	8.0	[1] 4,357	268	--	[2] 1.05	--	
45-24	Wetumka City Lake	Salt Creek	Wetumka, Okla.	4.15	3.88	Jan. 1931	--	2,076	500	--	--	--	SCS
	do	do	do	--	--	Feb. 1954	23.2	1,898	457	--	1.98	--	
45-25	Adair	N. Caney River	Sedan, Kans.	.33	.33	Mar. 1953	--	20.9	63.3	--	--	--	SCS
	do	do	do	--	--	Sept. 1960	7.5	20.2	61.2	55	.28	335	
45-26	Bevoy	Big Caney River	Cedarvale, Kans.	.16	.16	Jan. 1938	--	22.8	142	--	--	--	SCS
	do	do	do	--	--	Sept. 1960	22.7	21.2	132	60	.44	574	
45-27	Buffalo	Bee Creek	Havana, Kans.	.26	.26	-- 1934	--	51.7	194	--	--	--	SCS
	do	do	do	--	--	Sept. 1960	26	48.5	186.5	50	.45	490	
45-28	Foster	N. Caney River	Sedan, Kans.	2.25	2.25	Jan. 1951	--	484	215	--	--	--	SCS
	do	do	do	--	--	Aug. 1960	9.5	477.8	212	55	.26	311	
45-29	House	Caney River	Hewins, Kans.	.25	.25	Sept. 1936	--	10.66	42.64	--	--	--	SCS
	do	do	do	--	--	Sept. 1960	24	9.26	37.00	60	.23	300	
45-30	Herbert Niles Pond	Unnamed	Lebo, Kans.	.194	.192	Jan. 1932	--	10.59	54.6	--	--	--	SCS
	do	do	do	--	--	July 1957	18.5	8.56	44.0	*62	.60	810.2	
45-31	Kahola	Kahola Cr. Trib. of Neosho River.	Dunlap, Kans.	15.9	15.3	Dec. 1936	--	6,491	408	--	--	--	ARS
	do	do	do	--	--	Apr. 1954	18.3	5,935	373	51.6	1.99	2,236	
45-32	Mills	Big Caney River	Sedan, Kans.	.2	.2	-- 1920	--	23.9	119.5	--	--	--	SCS
	do	do	do	--	--	Sept. 1960	40	21.6	108	70	.28	427	
45-33	Payer Pond	Unnamed	Burlington, Kans.	.345	.345	Jan. 1938	--	54.97	159	--	--	--	SCS
	do	do	do	--	--	July 1957	19.5	44.12	128	57	1.61	1,998.8	
45-34	Staats	Middle Caney River	Cedarvale, Kans.	.49	.49	Jan. 1943	--	81.46	166	--	--	--	SCS
	do	do	do	--	--	Sept. 1960	17.7	77.94	159	60	.41	536	
45-35	Hulah	Caney River	Hulah, Okla.	732	712	Feb. 1950	--	295,130	403	--	--	--	CE
	do	do	do	--	--	June 1958	8.4	292,565	400	44.2	.429	413	
			ARKANSAS RIVER BASIN (GARDEN CITY TO TULSA) Middle Canadian, Lower Cimarron, and Salt Fork River Basins										
46-1a	Fort Supply	Wolf Creek	Fort Supply, Okla.	1,735	1,726	Jan. 1943	--	107,340	62	--	--	--	CE
	do	do	do	--	--	June 1949	6.4	106,150	61	57.8	0.108	136	
	do	do	do	--	--	June 1958	9.0	101,750	59	67.2	.283	414	
46-2	Great Salt Plains	Salt Fk. of Arkansas River	Jet, Okla.	3,200	3,156	June 1941	--	308,000	96	--	--	--	SCS
	do	do	do	--	--	Dec. 1949	8.5	292,000	91	48.6	.586	620	
46-3	Boomer Lake	Boomer Creek	Stillwater, Okla.	9.13	8.67	Mar. 1925	--	2,812	308	--	--	--	SCS
	do	do	do	--	--	June 1935	10.25	2,641	289	60	1.93	2,522	

46-4	Bennington's Lake	Chikaskia River	Rago, Kans.	1.42	1.40	Aug.	1929	--	75	52.8	--	--	--	SCS
	do	do	do	--	--	Oct.	1940	11.2	33	23.2	69.47	2.68	4,055	
46-5	Meade County State Lake (Lake Larrabee).	Stump Arroya	Meade, Kans.	18.00	17.84	June	1928	--	891	49.5	--	--	--	SCS
	do	do	do	--	--	Apr.	1937	8.8	819	45.5	*60	.459	600	
46-6	Lake Medicine	Medicine Lodge Creek	Medicine Lodge, Kans.	1.89	1.84	Aug.	1929	--	365	193	--	--	--	SCS
	do	do	do	--	--	Oct.	1940	11.2	295	156	98.52	3.40	7,296	
46-7	Santa Fe	Indianola Creek	Augusta, Kans.	37.93	37.55	Oct.	1928	--	1,741	45.9	--	--	--	SCS
	do	do	do	--	--	May	1937	8.6	1,595	42.1	58.1	.45	569	
46-8	Guthrie	Trib. of Cottonwood Cr.	Guthrie, Okla.	13.30	12.95	Oct.	1920	--	3,064	230	--	--	--	SCS
	do	do	do	--	--	May	1935	14.5	2,608	196	*60	2.42	3,162	
46-9	Gelmer's Stock Pond	Bois d'Arc Creek	Blackwell, Okla.	.31	.31	Oct.	1939	--	3.74	12.1	--	--	--	SCS
	do	do	do	--	--	Sept.	1940	1.0	3.43	11.1	*65	1.0	1,416	
46-10	Harris Stock Pond	do	do	.22	.21	Apr.	1938	--	12.63	57.4	--	--	--	SCS
	do	do	do	--	--	Sept.	1940	2.5	12.37	56.2	*65	.495	701	
46-11	Lake Eldorado	Satchel Creek	Eldorado, Kans.	35.1	34.3	--	1928	--	3,213	91.5	--	--	--	SCS
	do	do	do	--	--	Apr.	1937	9	3,082	87.8	66	.426	612	
46-12	Lake Fryer	Wolf Creek	Perryton, Tex.	108	108	--	1939	--	844	781	--	--	--	SCS
	do	do	do	--	--	May	1947	7.4	717	664	--	.16	--	
46-13a	Canton	North Canadian River	Canton, Okla.	[3] 12,483	[3] 6,081	July	1947[4]	--	401,500	[4] 66	--	--	--	CE
	do	do	do	--	--	May	1953	5.8	390,800	[4] 64	70.9	.303	468	
	do	do	do	--	--	Oct.	1959	6.4	385,900	[4] 63	66.3	.120	173	
46-14	Guthrie Municipal Reservoir No. 2.	Cottonwood Creek	Guthrie, Okla.	11.63	11.29	May	1949	--	3,192.68	274.52	--	--	--	SCS
	do	do	do	--	--	Sept.	1960	11.40	2,945.06	253.23	95.66	1.92	4,000.27	
46-15	Lake Carl Blackwell	Stillwater Creek	Stillwater, Okla.	75.35	70.53	Mar.	1938	--	58,326	827.0	--	--	--	SCS
	do	do	do	--	--	Sept.	1958	20.50	54,556	773.5	*60	2.61	3,410.75	
46-16	Lies Pond	Unnamed	Andale, Kans.	3.36	3.36	June	1942	--	20.44	5.97	--	--	--	SCS
	do	do	do	--	--	Sept.	1956	14	9.62	2.86	94.89	.28	578.68	
46-17	Longton	Unnamed Trib.	Cimarron, Kans.	.55	.54	July	1935	--	51.10	92.9	--	--	--	SCS
	do	do	do	--	--	Aug.	1955	20	50.28	91.4	85.7	.07	134	
46-18	Hughes No. 1	do	Ingalls, Kans.	.64	.63	--	1942	--	8.50	13.3	--	--	--	SCS
	do	do	do	--	--	Aug.	1955	13	5.44	8.5	72.07	.32	502	
46-19	Perry City Lake	Cow Creek	Perry, Okla.	16.67	16.64	June	1937	--	4,371	262	--	--	--	SCS
	do	do	do	--	--	May	1955	17.9	3,986	239	83.5	1.33	2,419	
46-20	Pottszinger Pond	Unnamed	Andale, Kans.	.9	.9	Aug.	1949	--	14.87	16.5	--	--	--	SCS
	do	do	do	--	--	Sept.	1956	7	8.97	9.86	103.4	1.00	2,252	
46-21	O. F. Scott Ponds	Trib. of So. Canadian	Union City, Okla.	1.80	1.79	May	1941	--	26.3	14.6	--	--	--	SCS
	do	do	do	--	--	May	1955	14	20.7	11.5	65.4	.22	313	
46-22	Tom Hill Pond	Trib. of Bridge Creek	Tuttle, Okla.	.530	.526	July	1943	--	13.38	25.4	--	--	--	SCS
	do	do	do	--	--	May	1955	11.8	6.43	12.2	--	1.12	--	

ARKANSAS RIVER BASIN (LAMAR TO GARDEN CITY)
Upper Cimarron and Upper Canadian River Basins

47-1	Conchas	Canadian River	Newkirk, N. Mex.	7,350	6,950	Jan.	1939	--	601,112	82	--	--	--	CE
	do	do	do	--	--	May	1940	1.4	599,712	82	75.7	--	--	
	do	do	do	--	--	June	1942	2.1	585,112	80	75.7	--	--	
	do	do	do	--	--	Nov.	1942	.4	581,112	79	75.7	--	--	
	do	do	do	--	--	Oct.	1944	1.9	576,756	78	75.7	--	--	
	do	do	do	--	--	Feb.	1949	4.3	566,163	77	75.7	--	--	
47-2	Reservoir No. 2	(Offstream)	Maxwell, N. Mex.	--	--	--	1912	--	3,010	--	--	--	--	BR
	do	do	do	--	--	--	1946	34	1,836	--	--	--	--	
47-3	Reservoir No. 7 and 8	do	do	--	--	--	1912	--	[5] 1,064	--	--	--	--	BR
	do	do	do	--	--	--	1946	34	2,063	--	--	--	--	
47-4	Reservoir No. 11	do	do	--	--	--	1912	--	[6] 1,004	--	--	--	--	BR
	do	do	do	--	--	--	1946	34	637	--	--	--	--	
47-5	Reservoir No. 12	do	do	--	--	--	1912	--	[7] 2,260	--	--	--	--	BR
	do	do	do	--	--	--	1946	34	1,822	--	--	--	--	
47-6	Reservoir No. 13	do	do	--	--	--	1912	--	[8] 2,236	--	--	--	--	BR
	do	do	do	--	--	--	1946	34	1,628	--	--	--	--	
47-7	Reservoir No. 14	do	do	--	--	--	1912	--	[9] 816	--	--	--	--	BR
	do	do	do	--	--	--	1946	34	680	--	--	--	--	

[1] Dam raised 11 feet March 1946; all values based on present elevation.
[2] Dam broke April 1945; rebuilt March 1946; this period not included.
[3] Areas determined by Arkansas-White-Red Basins Committee for April 1954 drainage area publication.
[4] Excludes 4,642 square miles of watershed not contributed to runoff, 1,735 square miles above Fort Supply Dam, and 25 square miles surface area of Canton Reservoir.
[5] During the period 1912-46 a total of 2,435-acre-foot capacity was added by reservoir enlargement.
[6] During the period 1912-46 a total of 126-acre-foot capacity was added by reservoir enlargement.
[7] During the period 1912-46 a total of 672-acre-foot capacity was added by reservoir enlargement.
[8] During the period 1912-46 a total of 490-acre-foot capacity was added by reservoir enlargement.
[9] During the period 1912-46 a total of 264-acre-foot capacity was added by reservoir enlargement.
*Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			RIO GRANDE BASIN (ABOVE ESPANOLA) AND ARKANSAS RIVER BASIN										
48-1b	John Martin (Formerly Caddoa Reservoir Project	Arkansas River	Caddoa, Colo.	18,933	17,080	Apr. 1942	--	701,775	37	--	--	--	CE
	do	do	do	--	--	July 1942	.3	690,345	37	*75.7	--	--	
	do	do	do	--	--	Dec. 1943	1.4	688,550	36	*75.7	--	--	
	do	do	do	--	--	Sept. 1944	.7	683,257	36	*75.7	--	--	
	do	do	do	--	--	May 1948	3.7	675,097	36	*75.7	0.129	213	
	do	do	do	--	--	Oct. 1951	3.4	662,870	35	*75.7	.210	346	
	do	do	do	--	--	Aug. 1957	5.7	645,512	34	*75.7	.178	293	
48-2	Brown Reservoir No. 1.	Van Bremer Arroyo	Trinidad, Colo.	74.6	74.4	-- 1900	--	758	10.2	--	--	--	SCS
	do	do	do	--	--	Nov. 1939	39	82	1.10	89.07	.233	452	
48-3	Muddy Creek	Muddy Creek, Johnny Creek	Caddoa, Colo.	154.2	152.4	Fall 1919	--	16,918	109.7	--	--	--	SCS
	do	do	do	--	--	Dec. 1939	20	15,287	99.1	75.25	.535	877	
48-4	Horse Creek[1]	Horse Creek	Ordway, Colo.	52.01	47.44	Nov. 1900	--	36,203	696	--	--	--	SCS
	do	do	do	--	--	Apr. 1940	39.4	30,738	591	68.36	.241	1,515	
48-5	Teller	Turkey Creek	Pueblo, Colo.	78.8	78.5	Mar. 1911	--	4,005	50.8	--	--	--	SCS
	do	do	do	--	--	Feb. 1940	28.9	2,463	31.3	75.4	.680	1,117	
48-6	Cucharas	Cucharas River	Walsenburg, Colo.	608	608	-- 1912	--	38,274	63	--	--	--	BR
	do	do	do	--	--	-- 1937	25	25,020	41	--	.87	--	
	do	do	do	--	--	-- 1939	2	23,040	38	--	1.63	--	
			RED RIVER BASIN (DENISON TO GRAND ECORE) Little and Sulphur River Basins										
49-1a	Lake Crook	Pine Creek	Paris, Tex.	51.6	49.6	Feb. 1923	--	11,487	223	--	--	--	SCS
	do	do	do	--	--	Mar. 1936	13.1	10,755	208	--	1.13	--	
	do	do	do	--	--	July 1956	19.7	9,964	193	36.4	.81	642	
49-2a	Lake Gibbons	Trib. of Pine Creek	do	1.46	1.26	-- 1900	--	1,349	955	--	--	--	SCS
	do	do	do	--	--	Mar. 1936	36	1,324	907	--	1.54	--	
	do	do	do	--	--	July 1956	20.3	1,285	880	31.5	1.52	1,043	
49-3	Nashville	Mine Creek	Nashville, Ark.	10.4	10.3	Mar. 1931	--	181	17.4	--	--	--	SCS
	do	do	do	--	--	July 1941	10.3	128	12.3	--	.50	--	
49-4	Jenkins Pond	Trib. of Lewis Creek	Mansfield, La.	.35	.32	Sept. 1925	--	157	449	--	--	--	SCS
	do	do	do	--	--	Sept. 1954	29	150	429	68.60	.78	1,165	
49-5	Gordon Country Club Lake.	Ands Creek	Paris, Tex.	1.41	1.30	-- 1898	--	558	396	--	--	--	SCS
	do	do	do	--	--	June 1959	61.0	430	305	33.14	1.62	1,169	
49-6	Bayou Bodcau	Bayou Bodcau River	Cotton Valley, La.	683	613	Nov. 1949	--	[2] 967,900	1,417	--	--	--	CE
	do	do	do	--	--	May 1961	11.5	967,900	1,417	--	--	--	
49-7	Lake Texarkana	Sulphur River	Texarkana, Tex.	3,400	3,213	Sept. 1954	--	2,654,300	780.7	--	--	--	CE
	do	do	do	--	--	Aug. 1958	3.91	2,654,300	780.7	--	--	--	
49-8	Wallace Lake	Cypress Bayou	Shreveport, La.	266	251	Dec. 1946	--	96,100	361	--	--	--	CE
	do	do	do	--	--	Oct. 1951	4.8	96,100	361	--	--	--	
	do	do	do	--	--	Apr. 1961	9.5	96,100	361	--	--	--	
			RED RIVER BASIN (ABOVE DENISON)										
50-1	Ardmore Club Lake	Caddo Creek	Ardmore, Okla.	4.15	3.91	Dec. 1922	--	1,797	433	--	--	--	SCS
	do	do	do	--	--	June 1938	15.5	1,644	396	40.7	2.52	2,234	
50-2	Byars Club Lake	Unnamed Stream	Byars, Okla.	2.66	2.55	-- 1904	--	507	191	--	--	--	SCS
	do	do	do	--	--	-- 1950	46	371	139	--	1.16	--	
50-3	Carter Lake	Big Glasses Creek	Madill, Okla.	1.81	1.70	-- 1936	--	865	478	--	--	--	SCS
	do	do	do	--	--	Nov. 1949	13	837	462	--	1.26	--	
50-4	J.J. Harrison Lake	Trib. of Washita River	Lindsay, Okla.	.88	.81	Feb. 1932	--	349	397	--	--	--	SCS
	do	do	do	--	--	Mar. 1950	18	282	320	--	4.59	--	
50-5	C.W. Lester Farm Pond No. 1	Trib. of Broken Leg Creek	Cheyenne, Okla.	2.04	2.03	-- 1945	--	42.4	20.8	--	--	--	SCS
	do	do	do	--	--	June 1949	4	22.8	11.2	--	2.41	--	

50-6	C.W. Lester Farm Pond No. 2-	-----do----------	-----do----------	.64	.63	June	1944	--	16.3	25.5	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1949	5.0	13.1	20.5	--	1.02	--	
50-7	Santa Rosa Lake----------	Beaver Creek----------	Vernon, Tex.----------	336	334	Oct.	1929	--	15,755	46.9	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan.	1948	18.2	11,568	34.4	--	.689	--	
50-8	Lake Duncan----------	Fitzpatrick Creek----------	Duncan, Okla.---------	11.0	10.4	Oct.	1937	--	6,291	572	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1950	12.8	5,783	526	63.4	3.82	5,275	
50-9	Lake Clinton----------	Turkey Creek----------	Canute, Okla.---------	23.6	23.1	Dec.	1930	--	4,415	187	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1938	7.4	3,981	169	63.36	2.54	3,505	
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1950	12.4	3,343	142	65.9	2.23	3,201	
50-10	Bellevue----------	Clay Creek----------	Bellevue, Tex.--------	*1.5	1.44	--	1888	--	131	87	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1938	50	85	59	--	.64	--	
50-11a	Altus----------	North Fork Red River--------	Altus, Okla.----------	2,515	2,116	Dec.	1940[3]	--	156,668	74.04	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	June	1948	7.5	148,640	70.25	52.3	.506	576	
	-----do----------	-----do----------	-----do----------	--	--	July	1953	5.1	142,862	67.52	66.9	.535	780	
50-12a	Lake Texoma (Denison Dam)---	Red River----------	Denison, Tex.---------	[4] 39,719	[4] 28,925	July	1942	--	5,859,000	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1948	6.2	5,718,000	--	52.1	.785	891	
	-----do----------	-----do----------	-----do----------	--	--	June	1954	5.7	5,553,000	--	65.4	1.00	1,430	
50-13	Barbour Pond----------	Trib. of Little Washita R.--	Chickasha, Okla.-------	.68	.67	Sept.	1935	--	59.9	88.1	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1955	19.7	41.8	61.5	*75	1.37	2,238	
50-14	Calvalry Creek No. 1--------	Cloud Creek----------	Cordell, Okla.--------	2.19	[5] 2.15	July	1948	--	505.44	235.1	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1959	11.15	476.57	221.7	74.47	1.20	--	
50-15	Chigley Sandy No. 5---------	Trib. of Chigley Sandy Creek	Wynnewood, Okla.------	.81	.79	June	1955	--	263.67	333.76	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1959	4.12	258.74	327.52	60.30	1.48	1,943.73	
50-16	Coit Pond No. 1----------	Unnamed----------	Clinton, Okla.--------	.39	.38	Mar.	1947	--	25.69	65.87	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1957	10.28	21.53	55.21	61.49	1.07	1,433	
50-17	Dean Pond No. 1----------	Trib. of Nine Mile Creek----	Cheyenne, Okla.-------	.0359	.0354		1944	--	1.078	30.0	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1955	11	.807	22.5	91.0	.69	1,368	
50-18	Dean Pond No. 2----------	-----do----------	-----do----------	.164	.161	--	1941	--	15.8	96.3	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1955	14	13.4	81.7	88.0	1.06	2,032	
50-19	George Pond----------	Unnamed----------	Canadian, Tex.--------	.535	.535	June	1952	--	15.197	28.41	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1958	5.796	13.463	25.16	70.95	.559	863.82	
50-20	Hall Pond No. 1----------	-----do----------	Leedey, Okla.---------	.20	.20	May	1939	--	17.59	87.95	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1957	18.25	[6] 13.47	[6] 67.35	*70.2	1.15	1,758.30	
50-21	Harrison No. 1----------	-----do----------	Canadian, Tex.--------	.237	.237	May	1952	--	22.163	93.51	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1958	5.93	21.706	91.586	79.68	.325	564.01	
50-22	Harrison No. 2----------	-----do----------	-----do----------	.292	.292	Sept.	1951	--	15.655	53.61	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1958	6.59	14.242	48.77	68.53	.733	1,094.06	
50-23	Lake Kemp----------	Wichita River----------	Seymour, Tex.---------	2,099	2,067	Oct.	1922	--	560,000	267	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1958	36	461,757	220	--	1.32	--	
50-24	Mill Creek No. 17----------	Trib. of Mill Creek---------	Mill Creek, Okla.-----	1.61	1.58	Dec.	1948	--	509.32	316.35	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1959	10.63	502.58	312.16	69.78	.40	607.92	
50-25	Muncrief Farm Pond----------	Trib. of Sandy Creek--------	Wynnewood, Okla.------	.031	.029	Aug.	1935	--	8.710	280.97	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1957	22.22	[7] 7.968	257.03	*60	1.15	1,502.82	
50-26	Cobb Creek No. 3----------	Cobb Creek----------	Colony, Okla.---------	8.28	8.18	Jan.	1957	--	[8] 2,401.08	289.99	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1960	3.58	2,303.29	278.18	89.66	3.34	6,522	
50-27	Sandstone Creek No. 1-------	Wildcat Creek----------	Hammon, Okla.---------	5.33	5.22	May	1951	--	1,591.29	298.55	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1956	4.96	1,453.69	272.74	61.49	5.31	7,111	
	-----do----------	-----do----------	-----do----------	--	--	May	1960	4.06	1,380.47	259.00	83.11	3.46	6,263	
50-28	Sandstone Creek No. 3-------	Trib. of Sandstone Creek----	Elk City, Okla.-------	.62	.61	Apr.	1951	--	[9] 66.13	106.66	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1956	5.47	56.85	91.69	70.20	2.79	4,266	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1961	5.00	48.43	78.11	77.87	2.75	5,190	
50-29	Sandstone Creek No. 5-------	Washita River----------	-----do----------	3.89	3.84	Mar.	1951	--	[9] 360.02	92.55	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1957	6.39	304.39	78.25	95.70	2.27	4,731	
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1961	4.19	242.95	62.46	77.60	3.82	6,456	
50-30	Sandstone Creek No. 6-------	East Branch Sandstone Creek-	-----do----------	6.46	5.24	Aug.	1957	6.33	605.27	93.70	84.76	2.34	4,375.19	
	-----do----------	-----do----------	-----do----------	--	--	May	1960	2.83	495.48	76.70	73.66	2.18	4,102.68	
50-31	Sandstone Creek No. 9-------	Trib. E. Fk. Sandstone Creek	-----do----------	3.50	3.46	Mar.	1951	--	[9] 246.20	70.34	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1957	6.58	191.34	54.67	75.78	2.41	3,978	

[1] Off channel reservoir.
[2] Storage at spillway crest.
[3] Initial survey for new dam over deposits in old reservoir.
[4] Reference "Drainable Area Data - AWR River Basins" publication dated Nov. 1954.
[5] Four drop inlets with combined total of 590 acres or 0.92 sq. mi. with est. trap-efficiency of 65 percent.
[6] Area and capacity at date of present survey.
[7] Present capacity.
[8] Includes both pools.
[9] Original capacity.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
				RED RIVER BASIN (ABOVE DENSION)--Cont.									
50-32	Sandstone Creek No. 10A-----	Trib of Sandstone Creek-----	Elk City, Okla---------	2.87	2.80	Apr. 1951	--	[1] 440.90	153.62	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1956	5.50	413.68	144.14	79.31	1.77	3,057	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1961	4.90	348.50	121.43	82.80	4.75	5,542	
50-33	Sandstone Creek No. 14.-----	-----do----------	-----do----------	1.02	1.00	Sept. 1951	--	[2] 315.15	308.97	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1956	4.67	302.40	296.47	66.33	2.73	3,944	
	-----do----------	-----do----------	-----do----------	--	--	May 1960	4.01	288.09	282.44	93.08	3.57	9,087	
50-34	Sandstone Creek No. 16------	-----do----------	-----do----------	11.47	11.28	Aug. 1952	--	[3] 1,423.42	124.10	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1957	4.92	1,261.46	109.98	77.95	2.92	4,957	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1961	4.21	1,141.48	99.52	74.85	2.53	3,888	
50-35	Sandstone Creek No. 16A-----	-----do----------	Cheyenne, Okla---------	8.78	5.11	Dec. 1951	--	[1] 273.01	31.09	--	--	--	SCS
	-----do----------	-----d0----------	-----do----------	--	--	Oct. 1956	4.82	242.03	27.57	80.56	1.26	2,211	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1961	4.88	208.74	23.77	79.79	1.33	2,919	
50-36	Sandstone Creek No. 17------	Currant Creek----------	-----do----------	10.13	10.04	Aug. 1951	--	[1] 491.00	48.47	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1956	5.13	374.23	36.94	70.36	2.27	3,478	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	4.04	293.20	28.94	70.36	2.00	3,061	
50-37	Sandstone Creek No. 22------	Trib. of Sandstone Cr-------	-----do----------	2.25	2.20	Aug. 1951	--	400.31	177.92	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1957	6.16	372.15	165.40	81.53	2.08	3,694	
50-38	Stickley Pond No. 4---------	Canadian River----------	Canadian, Tex.---------	.171	.171	Jan. 1947	--	15.794	92.363	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1958	11.266	13.943	81.538	77.65	.959	1,621.88	
50-39	Stickley Pond No. 6---------	-----do----------	-----do----------	.162	.162	Oct. 1945	--	21.035	129.85	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1958	12.564	16.627	102.64	85.34	2.167	4,027.81	
50-40	Wheeler Farm Pond----------	-----do----------	-----do----------	.205	.205	Dec. 1944	--	7.353	35.87	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1958	13.33	6.673	32.55	82.73	.249	448.66	
50-41	Whiteshield Creek No. 4	Trib. of Whiteshield Cr.----	Elk City, Okla.--------	.62[4]	.60	Jan. 1949	--	223.43	372.38	--	([4])	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1959	10.70	207.72	346.20	75.68	2.02	3,329.59[4]	
50-42	Wildhorse Creek No. 1-------	Trib. of Wildhorse Creek----	Davis, Okla----------	.97	.95	Apr. 1949	--	242.36	255.22	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	[11]	--	July 1959	10.25	236.20	248.63	60.79	.63	834.12	
50-43	Wildhorse Creek No. 33------	-----do----------	Duncan, Okla----------	1.77	1.73	Mar. 1950	--	162.74	91.94	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1960	10.50	141.77	80.10	85.00	1.16	2,148	
50-44	Owl Creek No. 1----------	West Owl Creek----------	Wayne, Okla----------	.61[4]	[4] .59	Apr. 1949	--	206.32	338.23	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1959	10.32	199.86	327.64	[4] 65.53	[4] 1.03	1,470.00[4]	
				SABINE_ NECHES_ AND TRINITY RIVER BASINS									
51-1	Terrell City Lake----------	Kings Creek----------	Terrell, Tex----------	9.20	8.71	Oct. 1921	--	2,219	241	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1949	28.25	1,605	174	59.2	2.49	3,211	
51-2	Lower Beaton Lake----------	Trib. of Elm Creek----------	Corsicana, Tex.--------	.91	.82	-- 1895	--	319	351	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	54	205	225	--	2.57	--	
51-3	Burke Neck Lake----------	-----do----------	-----do----------	.58	.54	-- 1880	--	181	312	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	69	92	159	--	2.39	--	
51-4	Lake Dallas----------	Elm Fk. of Trinity River----	Denton, Tex.----------	1,174	1,157	Feb. 1928	--	180,759	154	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1938	10.5	167,072	142	53	1.13	1,304	
51-5	Lake Halbert----------	Elm Creek----------	Corsicana, Tex.---------	[5] 9.48	8.56	-- 1921	--	8,012	845	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	28	6,657	702	67.4	5.66	8,308	
51-6	Magnolia Lake (Red Horse)---	Trib. of Elm Creek----------	-----do----------	.59	.43	-- 1885	--	756	1,281	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	64	659	1,117	--	3.53	--	
51-7	Mountain Creek----------	Mountain Creek----------	Dallas, Tex.----------	280	274.4	Mar. 1937	--	37,520	134	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1946	9.7	27,100	97	--	3.91	--	
51-8a	White Rock Lake----------	White Rock Creek----------	-----do----------	99.1	97.4	Apr. 1910	--	18,158	183	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1935	25	14,276	144	[6] 49	1.60	1,708	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1956	20.9	12,321	124	--	0.97	--	
51-9	Grand Saline----------	Simmons Branch----------	Grand Saline, Tex.-----	2.12	2.02	Feb. 1925	--	531	250	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1938	13.25	509	240	38.7	.82	691	
51-10	T & P----------	Town Creek----------	Weatherford, Tex.------	6.24	6.18	-- 1930	--	370	59	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1938	8.5	328	33	61	.796	1,058	
51-11	Lake Clark----------	Waxahachie Creek----------	Ennis, Tex.----------	3.14	2.87	-- ([7])	--	[8] 2,085	664	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1950	--	[8] 1,741	554	*50	2.60	2,831	
51-12	Kemp City----------	Cedar Creek----------	Kemp, Tex.----------	1.48	1.42	June 1926	--	376	254	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1939	12.8	298	201	--	4.29	--	

51-13	Variety Club Boys' Ranch Lake	Unnamed Trib.	Bedford, Tex.	.30	.29	June 1942	--	38	127	--	-- --	--	SCS
	do	do	do	--	--	Apr. 1950	7.8	33	110	--	2.21	--	
51-14	Willis Point	Magbee Creek	Willis Point, Tex.	1.83	1.75	Sept. 1914	--	396	216	--	--	--	SCS
	do	do	do	--	--	Apr. 1938	23.6	275	150	60.1	2.93	3,835	
51-15	Bridgeport	West Fork of Trinity R.	Bridgeport, Tex.	1,051	1,033	-- 1932	--	292,000	278	--	--	--	SCS
	do	do	do	--	--	Feb. 1943	10.8	283,240	269	--	.785	--	
51-16a	Eagle Mountain	do	Fort Worth, Tex.	1,875	[9] 809	Mar. 1934	--	211,000	113	--	--	--	SCS
	do	do	do	--	--	Mar. 1939	5	205,175	109	--	1.44	--	
	do	do	do	--	--	Nov. 1952	13	182,000	97	--	2.20	--	
51-17	Lake Erie	Unnamed Trib.	do	1.05	1.01	-- 1899	--	270	257	--	--	--	SCS
	do	do	do	--	--	Apr. 1939	40	204	194	--	1.63	--	
51-18	Mabank City Lake	Trib. of Cedar Creek	Athens, Tex.	.36	.33	-- 1926	--	295	819	--	--	--	SCS
	do	do	do	--	--	Apr. 1939	13	271	753	--	5.51	--	
51-19	Wolf Creek	Wolf Creek	Palestine, Tex.	2.55	2.50	-- 1919	--	222	87	--	--	--	SCS
	do	do	do	--	--	Apr. 1939	20	199	78	--	.46	--	
51-20	Elkins Lake	East Sandy Creek	Huntsville, Tex.	3.18	3.05	-- 1930	--	856	269	--	--	- ---	SCS
	do	do	do	--	--	July 1950	20	812	255	--	.72	--	
51-21	Murphy Lake	East Fork of Trinity R.	Crandall, Tex.	4.09	3.98	Oct. 1922	--	397	97.1	--	--	--	SCS
	do	do	do	--	--	Apr. 1939	16.5	138	33.7	*60	3.94	5,150	
51-22	Loring Lake	Trib. of Herrican Creek	Zwolle, La	1.05	.95	Sept. 1928	--	663	631	--	--	--	SCS
	do	do	do	--	--	Sept. 1954	26	623	593	85.08	1.62	3,002	
51-23	Kerens City Lake	Cow Creek	Kerens, Tex.	6.42	6.28	Sept. 1935	--	630	98	--	--	--	SCS
	do	do	do	--	--	July 1954	18.8	554	87	54.49	.64	759	
51-24	Variety Club Lake	Trib. of Trinity River	Bedford, Tex.	.29	.29	July 1942	--	38	135.71	--	--	--	SCS
	do	do	do	--	--	May 1950	7.8	33	117.86	--	2.21	--	
51-25	Clear Fork No. 10	Trib. Clear Fk. Trinity	Weatherford, Tex.	4.30	4.25	Oct. 1955[2]	--	1,185	276	--	--	--	SCS
	do	do	do	--	--	Apr. 1958[2]	2.46	1,185	--	--	--	--	
	do	do	do	--	--	Oct. 1955[3]	--	250	58	--	--	--	
	do	do	do	--	--	Apr. 1958[3]	2.46	235	55	106	1.44	3,324	
51-26	Honey Creek No. 11	Trib. of Honey Creek	McKinney, Tex.	1.99	1.93	Feb. 1952[2]	--	1,233.1	620	--	--	--	SCS
	do	do	do	--	--	Jan. 1958[2]	5.9	1,203.5	605	47.5	2.60	3,114	
	do	do	do	--	--	Feb. 1958[3]	--	445.4	224	--	--	--	
	do	do	do	--	--	Jan. 1958[3]	5.9	417.9	210	47.5	2.41	2,886	
51-27	Honey Creek No. 12	do	do	1.284	1.258	Jan. 1952[2]	--	528	411	--	--	--	SCS
	do	do	do	--	--	Apr. 1959[2]	7.21	493	384	47.8	3.86	4,019	
	do	do	do	--	--	Jan. 1952[3]	--	151	118	--	--	--	
	do	do	do	--	--	Apr. 1959[3]	7.21	*124	97	39.1	2.97	2,529	
	do	do	do	--	--	Apr. 1959[10]	--	--	--	65.4	--	1,268	
51-28	Dawson City Lake	Trib. of Richland Creek	Dawson, Tex.	1.16	1.07	Apr. 1937	--	610	526	--	--	--	SCS
	do	do	do	--	--	Feb. 1956	18.8	466	402	32.9	7.16	5,130	
51-29	Lake Cherokee	Sabine River	Longview, Tex.	170.00	163.77	Oct. 1948	--	49,295	290	--	--	--	SCS
	do	do	do	--	--	Apr. 1960	11.5	46,705	275	83.12	1.37	2,480.09	
51-30	Lavon	East Fork Trinity	Lavon, Tex.	777.0	745.7	-- 1945[10]	--	423,400	544	--	--	--	CE
	do	do	do	--	--	Oct. 1953[11]	0	434,450	559	--	--	--	
	do	do	do	--	--	Oct. 1959	6.0	425,960	548	53.1	1.90	2,197	
			LOWER BRAZOS, LOWER COLORADO, GUADALUPE, SAN ANTONIO, AND NUECES RIVER BASINS										
52-1	Lake Corpus Christi	Nueces River	Mathis, Tex.	16,800	16,791	July 1934	--	54,426	3.24	--	--	--	SCS
	do	do	do	--	--	Mar. 1942	7.6	43,801	2.61	34.9	0.083	63	
	do	do	do	--	--	Mar. 1948	6.0	39,387	2.34	35.6	.044	36	
52-2	Medina Lake	Medina River	San Antonio, Tex.	587	578	Mar. 1913	--	274,065	467	--	--	--	SCS
	do	do	do	--	--	Jan. 1937	23.9	267,630	456	61.1	.465	619	
	do	do	do	--	--	May 1948	11.3	265,075	45.	75.0	.391	--	
52-3	Buchanan	Colorado River	Burnet, Tex.	[12] 19,350	19,313	June 1937	--	970,010	50	--	--	--	SCS
	do	do	do	--	--	Feb. 1941	3.7	954,859	49	--	.21	--	
52-4	Moss Ranch Stock Pond	S.Bull Creek	Llano, Tex.	.07	.07	-- 1909	--	4.7	67	--	--	--	SCS
	do	do	do	--	--	Feb. 1941	32	4.5	64	--	.07	--	
52-5	do	W. Bull Creek	do	.20	.19	-- 1903	--	9.3	46	--	--	--	SCS
	do	do	do	--	--	Feb. 1941	38	9.1	45	--	.021	--	
52-6	Helms Tank	Trib. of Sandy Creek	do	.15	.14	-- 1916	--	12	80	--	--	--	SCS
	do	do	do	--	--	Feb. 1941	25	11.6	77	--	.12	--	
52-7	Baker Lake	Trib. of San Antonio R.	Somerset, Tex.	3.17	3.10	Sept. 1950	--	251	79.2	--	--	--	SCS
	do	do	do	--	--	Aug. 1955	4.95	228	71.9	34.65	1.50	1,132	
52-8	Calaveras Creek No. 6	Chopaderas Creek	San Antonio, Tex.	7.014	6.703	Dec. 1956	--	1,741.0	248.22	--	--	--	SCS
	do	do	do	--	--	June 1960	3.62	1,689.4	240.86	45.17	2.13	2,095.45	
52-9	Escondido No. 11	Trib. of Escondido Cr.	Kenedy, Tex.	8.43	7.94	July 1958[2]	--	2,728.0	323.61	--	--	--	SCS
	do	do	do	--	--	July 1958[3]	--	150.1	17.81	--	--	--	
	do	do	do	--	--	July 1960[2]	2.0	2,667.8	316.47	47.08	3.79	3,886.2	
	do	do	do	---	--	July 1960[3]	2.0	161.0	19.10	53.24	--	4,394.8	

[1] Original capacity.
[2] Both sediment and flood pools.
[3] Sediment pool only.
[4] Revised drainage area (excluding drainage area from terraces).
[5] Excludes area above two lakes in watershed which contributes occasional flow to lake.
[6] Sediment samples were taken October 1938.
[7] Lake Clark was built in 1940 downstream from "Ennis New Lake" or "Club Lake" which was built in 1895.
[8] Based upon combined capacities of all lakes in system.
[9] Excludes area above Bridgeport Reservoir.
[10] Original capacity from map by stereo photogrammetric methods.
[11] "Original" or 1945 capacity adjusted in 1961 by range line controls established in 1953 to give "Oct. 53" area and capacity.
[12] Drainage area in 31,250 sq. mi. of which 11,900 sq. mi. are noncontributing. *Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ. MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			LOWER BRAZOS, LOWER COLORADO, GUADALUPE, SAN ANTONIO, AND NUECES RIVER BASINS (Continued)										
52-10	Rudder Pond	Trib. of Llano River	Hext, Tex.	1.35	13.4	Aug. 1951	--	11.96	8.88	--	--	--	SCS
	do	do	do	--	--	Aug. 1955	4	11.45	8.48	--	0.09	--	
52-11	Sirianni Lake	Trib. of Hondo Creek	Moore, Tex.	.769	.747	Feb. 1951	--	80.3	104	--	--	--	SCS
	do	do	do	--	--	Sept. 1955	4.54	76.5	99	45.6	1.12	1,112	
52-12	Smith Pond	Trib. of Bonito Creek	Jourdanton, Tex.	.191	.188	Apr. 1953	--	6.41	33.6	--	--	--	SCS
	do	do	do	--	--	Aug. 1955	2.4	5.60	29.3	27.8	1.80	1,090	
52-13	Thornton Lake	Cibolo Creek	Boerne, Tex.	1.54	1.52	Sept. 1952	--	142.4	92.5	--	--	--	SCS
	do	do	do	--	--	Aug. 1955	2.91	135.2	87.8	--	1.64	--	
			BRAZOS RIVER BASIN (SOUTH BEND TO WASHINGTON) MIDDLE, AND COLORADO RIVER BASINS										
53-1	Lake Scarborough	Trib. of Jim Ned Creek	Coleman, Tex.	10.8	10.6	May 1923	--	2,153	199	--	--	--	SCS
	do	do	do	--	--	May 1940	17	2,007	186	51.41	.81	907	
53-2	Santa Anna Lake	Mud Creek	Santa Anna, Tex	1.17	1.05	May 1923	--	766	655	--	--	--	SCS
	do	do	do	--	--	Apr. 1940	17	745	637	45.2	1.18	1,162	
53-3	Lake Eanes	Mercer Creek	Comanche, Tex.	13.76	13.57	May 1926	--	1,313	95.4	--	--	--	SCS
	do	do	do	--	--	Sept. 1946	20.3	1,221	88.7	--	.334	--	
53-4	Lake Merritt	Browne Creek	Goldthwaite, Tex.	11.65	11.50	May 1917	--	962	83	--	--	--	SCS
	do	do	do	--	--	May 1940	23	855	73	43	.40	375	
53-5	Hubbard City Lake No. 3	Trib. of E. Cottonwood Creek.	Hubbard, Tex.	.16	.14	-- 1913	--	[1] 104.5	653	--	--	--	SCS
	do	do	do	--	--	May 1949	36	90.2	564	--	2.86	--	
53-6	Hubbard City Lake No. 4	E. Cottonwood Creek	do	1.40	1.35	-- 1917	--	[1] 318.2	227	--	--	--	SCS
	do	do	do	--	--	May 1949	32	255.4	182	--	1.45	--	
53-7	Rogers Lake	Trib. of Little River	Rogers, Tex.	.55	.51	Fall 1922	--	164	298	--	--	--	SCS
	do	do	do	--	--	Sept. 1934	12	126.5	230	--	5.68	--	
53-8	Hubbard City Lake No. 1	Trib. of E. Cottonwood Creek.	Hubbard, Tex.	.5	.5	-- 1898	--	[2] 110	220	--	--	--	SCS
	do	do	do	--	--	May 1949	51	84	168	--	1.0	--	
53-9	Hubbard City Lake No. 2	do	do	.03	.03	-- 1912	--	[2] 36.3	1,210	--	--	--	SCS
	do	do	do	--	--	May 1949	37	33.0	1,100	--	3.0	--	
53-10	Hubbard City Lake No. 5	East Cottonwood Creek	do	.11	.10	-- 1925	--	44.8	407	--	--	--	SCS
	do	do	do	--	--	May 1949	24	37.8	344	--	3.0	--	
53-11	Lake Lawn	Redbank Creek	Lawn, Tex.	13.0	12.8	-- 1911	--	530	41	--	--	--	SCS
	do	do	do	--	--	Mar. 1941	30	354	27	--	.46	--	
53-12	Lometa	Salt & Emory Creek	Lometa, Tex.	4.74	4.60	-- 1912	--	759	160	--	--	--	SCS
	do	do	do	--	--	Feb. 1941	29	732	154	--	.20	--	
53-13	Meridian Lake	Bee Creek	Meridian, Tex.	3.30	3.20	-- 1934	--	723	219	--	--	--	SCS
	do	do	do	--	--	Apr. 1948	14	692	210	--	.69	--	
53-14	Miller Lake	Trib. of Horse Creek	San Saba, Tex.	.41	.38	Sept. 1913	--	83	202	--	--	--	SCS
	do	do	do	--	--	Mar. 1941	27.5	75	183	--	.71	--	
53-15	Odell Lake	Unnamed Trib.	Hubbard, Tex.	.56	.55	July 1925	--	75.1	134	--	--	--	SCS
	do	do	do	--	--	July 1949	24	52.6	94	--	1.71	--	
53-16	Possum Kingdom Lake	Brazos River	Graford, Tex.	[3] 14,098	12,955	May 1941	--	729,985	51.8	--	--	--	SCS
	do	do	do	--	--	Feb. 1949	7.75	672,420	47.7	--	.57	--	
53-17	Rock Crusher	Bachelor Creek	Coleman, Tex.	16.5	16.48	-- 1910	--	153	9.3	--	--	--	SCS
	do	do	do	--	--	Feb. 1941	31	80	4.8	--	.14	--	
53-18	Old Santa Anna City Lake	Mukewater Creek	Santa Anna, Tex.	.9	.87	Jan. 1910	--	153	170	--	--	--	SCS
	do	do	do	--	--	June 1940	30.5	118	131	--	1.31	--	
53-19	Old Coleman City Lake	Home Creek	Coleman, Tex.	.73	.69	Nov. 1906	--	289	396	--	--	--	SCS
	do	do	do	--	--	May 1940	33.6	273	374	--	.67	--	
53-20	Hamilton City Lake	Two Mile Creek	Hamilton, Tex.	12.0	11.9	June 1923	--	610	51	--	--	--	SCS
	do	do	do	--	--	Mar. 1941	17.75	560	47	--	.24	--	
53-21	Lake Leon	Leon River	Eastland, Tex.	225	224.7	June 1920	--	1,637	7.3	--	--	--	SCS
	do	do	do	--	--	Mar. 1941	20.75	1,275	5.7	--	.08	--	
53-22	Lake Mineral Wells	Rock Creek	Mineral Wells, Tex.	74.4	73.4	-- 1922	--	10,741	144	--	--	--	SCS
	do	do	do	--	--	Dec. 1941	19.5	9,032	121		1.19	--	

53-23	Buffalo Tank (Knox Tank)	Trib. of Pecan Bayou	Coleman, Tex.	1.73	1.71	--	1900	--	33	19	--	--	--	SCS
	do	do	do	--	--	Feb.	1941	41	29	17	--	.058	--	
53-24	R. G. Hollingsworth Stock Pond.	do	do	2.60	2.58	June	1937	--	20	7.7	--	--	--	SCS
	do	do	do	--	--	Feb.	1941	3.7	14	5.4	--	.66	--	
53-25	J. S. Wall Stock Pond	Trib. of Brady Creek	Brady, Tex.	.35	.35	--	1927	--	13	37	--	--	--	SCS
	do	do	do	--	--	Mar.	1941	14	12.2	35	--	.16	--	
53-26	White Tank	Trib. of Pecan Bayou	Brownwood, Tex.	.80	.80	May	1936	--	4.5	5.6	--	--	--	SCS
	do	do	do	--	--	Mar.	1941	4.8	3.6	4.5	--	.24	--	
53-27	Zimmerlee Stock Pond (north).	Trib. of Jim Ned Creek	Lawn, Tex.	.13	.13	--	1916	--	1.12	8.6	--	--	--	SCS
	do	do	do	--	--	Feb.	1941	25	.80	6.2	--	.10	--	
53-28	Stith Lake	Redbank Creek	do	1.04	1.01	Aug.	1926	--	102	98	--	--	--	SCS
	do	do	do	--	--	Mar.	1941	14.6	93	89	--	.63	--	
53-29	Philpeco Lake	Paint Creek	Pioneer, Tex.	9.04	9.00	Apr.	1925	--	183	20	--	--	--	SCS
	do	do	do	--	--	Feb.	1941	15.9	173	19	--	.07	--	
53-30a	Lake Brownwood	Pecan Bayou (Colo. R.)	Brownwood, Tex.	1,544	1,533	July	1932	--	149,925	97	--	--	--	SCS
	do	do	do	--	--	Feb.	1940	7.6	145,720	94	41.9	.361	329	
	do	do	do	--	--	Sept.	1959	19.6	135,963	88	42.2	.325	421	
53-31	Lake Waco	Bosque River	Waco, Tex.	1,666	1,662	Apr.	1930	--	39,378	23.6	--	--	--	SCS
	do	do	do	--	--	Feb.	1935	4.9	33,717	20.2	*58.5	.695	886	
	do	do	do	--	--	Feb.	1936	1.0	31,588	19.0	*58.5	1.28	1,631	
	do	do	do	--	--	Dec.	1947	11.8	22,026	13.2	*58.5	.487	621	
53-32	Lake Eddleman	Flint Creek	Graham, Tex.	42	41.4	Feb.	1929	--	6,583	157	--	--	--	SCS
	do	do	do	--	--	May	1954	25.25	5,917	141	49.2	.64	687	
53-33	Cow Bayou No. 3	Trib. So. Fk. Cow Bayou	Moody, Tex.	1,400	1,323	Nov.	1955[4]	--	458.5	327.5	--	--	--	SCS
	do	do	do	--	--	Nov.	1955[5]	--	123.3	88.1	--	--	--	
	do	do	do	--	--	Aug.	1960[4]	4.75	393.3	280.9	50.24	10.38	7,736.26	
	do	do	do	--	--	Aug.	1960[5]	4.75	78.9	56.4	--	7.07	--	
53-34	Cow Bayou No. 4	Foster Creek	Waco, Tex.	5.25	5.20	July	1956[4]	--	1,915	361	--	--	--	SCS
	do	do	do	--	--	Apr.	1958[4]	1.68	1,877	354	41.66	4.38	3,974	
	do	do	do	--	--	July	1956[5]	--	332.0	--	--	--	--	
	do	do	do	--	--	Apr.	1958[5]	1.68	297.4	--	41.66	3.96	3,593	
53-35	Deep Creek No. 3	Trib. of Deep Creek	Brady, Tex.	3.42	3.19	Nov.	1953[4]	--	925.18	270.52	--	--	--	SCS
	do	do	do	--	--	Nov.	1953[5]	--	148.89	43.54	--	--	--	
	do	do	do	--	--	Aug.	1960[4]	6.8	881.80	257.84	76.57	2.00	3,335.39	
	do	do	do	--	--	Aug.	1960[5]	6.8	124.80	36.49	--	1.11	--	
53-36	Green Creek No. 1	Green Creek	Dublin, Tex.	3.56	3.37	Apr.	1955	--	1,010	284	--	--	--	SCS
	do	do	do	--	--	Jan.	1957	1.74	991.1	278	--	3.22	--	
53-37	Silver Lake	N. E. Trib. of Leon	do	.37	.334	--	1910	--	153.8	415.7	--	--	--	SCS
	do	do	do	--	--	July	1960	50	145.0	391.9	--	.527	--	
			UPPER BRAZOS AND UPPER COLORADO RIVER BASINS											
54-1	Lake Abilene	Elm Creek	Abilene, Tex.	98.5	97.5	Aug.	1921	--	10,325	105	--	--	--	SCS
	do	do	do	--	--	Sept.	1948	27	9,786	99	*60	0.21	274	
54-2a	Lake Nasworthy	South Concho River	San Angelo, Tex.	3,294	3,119	Oct.	1930	--	11,485	3.49	--	--	--	SCS
	do	do	do	--	--	Dec.	1938	8.2	10,294	3.13	67.5	.04	58.37	
	do	do	do	--	--	May	1953	14.5	[6] 12,628	3.83	67.5	.03	44.10	
54-3	Lake Sweetwater	Bitter Creek	Sweetwater, Tex.	110	108.8	Feb.	1930	--	13,810	126	--	--	--	SCS
	do	do	do	--	--	Dec.	1941	11.8	13,287	121	--	.41	--	
54-4	Lake Kirby	Cedar Creek	Abilene, Tex.	44	42.8	Sept.	1928	--	8,133	185	--	--	--	SCS
	do	do	do	--	--	Nov.	1941	13.2	7,618	173	--	.91	--	
54-5	Lake Throckmorton	South Elm River	Throckmorton, Tex.	11.54	11.32	Sept.	1918	--	[7] 1,947	169	--	--	--	SCS
	do	do	do	--	--	June	1954	35.7	1,829	158	31.55	.29	199	
54-6	Lake Fort Phantom Hill	Elm Fork, Brazos River	Abilene, Tex.	478	268	Oct.	1938[8]	--	76,966	--	--	--	--	SCS
	do	do	do	--	--	Aug.	1953	14.8	74,312	--	35.99	.38	298	
54-7	Mountain Creek	Mountain Creek	Robert Lee, Tex.	32.00	31.88	May	1950	--	945.3	29.54	--	--	--	SCS
	do	do	do	--	--	Apr.	1961	10.9	804.9	25.15	53.06	.40	462.17	
54-8	XQZ Ranch Pond	Trib. of S. Concho River	San Angelo, Tex.	1.60	1.53	May	1937	--	276	173	--			SCS
	do	do	do	--	--	Aug.	1955	18.2	250	156	63.6	.93	1,288	
			RIO GRANDE BASIN (BELOW EAGLE PASS)											
55-														
			RIO GRANDE BASIN (FORT QUITMAN TO EAGLE PASS) AND LOWER PECOS RIVER BASIN											
56-1	Cottonwood Detention	San Felipe Arroyo	Fabens, Tex.	2.34	2.19	July	1937	--	500	214	--	--	--	SCS
	do	do	do	--	--	July	1954	17	378	162	--	3.07	--	

[1] Dam was raised in 1925 and 1949. Capacities based on 1949 level.
[2] Dam was raised in 1925. Capacity based on 1925 level.
[3] Includes 1,111 sq. mi. of partially contributing drainage above lakes in watershed; excludes 8,950 sq. mi. of noncontributing drinage at head of watershed.
[4] Sediment and flood pools.
[5] Sediment pool only.
[6] Spillway raised 2.3 feet in September 1948.
[7] Dam was raised 13 feet in 1940; capacity at 1940 spillway elevation.
[8] Date storage began has not been verified.
*Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			RIO GRANDE BASIN (FORT QUITMAN TO EAGLE PASS) AND LOWER PECOS RIVER BASIN (Continued)										
56-2	Rattlesnake Detention-------	San Felipe Arroyo----------	Fabens, Texas----------	5.15	[1] 2.81	July 1937	--	224.4	43.57	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1954	17	175.7	34.12	--	1.02	--	
56-3	Roberts Detention----------	-----do----------	-----do----------	2.34	2.31	July 1937	--	145.3	62	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1954	17	104.8	45	--	1.03	--	
56-4	Fress Pond----------	Trib. of Devils River--------	Sonora, Texas----------	.435	.430	Dec. 1944	--	7.31	16.8	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1955	10.75	6.97	15.6	69.6	.11	167	
			RIO GRANDE BASIN (ESPANOLA TO FORT QUITMAN)										
57-1a	Elephant Butte----------	Rio Grande----------	Truth or Consequences, New Mexico	25,923	25,866	Jan. 1915	--	2,634,800	102	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1916	1.9	2,584,865	100	--	1.02	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1920	3.7	2,498,850	96	--	.899	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1925	5.0	2,389,380	92	--	.846	--	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1935	9.7	2,270,300	88	--	.475	621	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1940	5.5	2,219,000	86	*60	.361	--	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1947	6.5	2,197,600	85	*65.9	.127	182	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1957	9.75	2,206,780	85	60.0	--	([2])	
57-2	Caballo----------	-----do----------	-----do----------	[3] 30,700	[4] 1,237	Jan. 1938	--	345,872	--	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1957	19.9	343,990	--	--	.0761	--	
57-3	Santa Cruz----------	Santa Cruz River----------	Espanola, New Mexico---	93.1	93.1	Feb. 1929	--	4,464	48	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1956	27.4	3,758	40	80	.27	384	
57-4	Cornfield Wash (1)----------	Trib. of Rio Puerco----------	Cuba, New Mexico--------	.29	.28	Apr. 1951	--	24.0	82.8	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	[5] 10	10.3	35.5	--	4.89	--	
57-5	Cornfield Wash (2)----------	-----do----------	-----do----------	.87	.85	Apr. 1951	--	54.1	63.6	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	[5] 10	45.1	53.1	--	1.06	--	
57-6	Cornfield Wash (3)----------	-----do----------	-----do----------	.25	.25	Apr. 1951	--	5.9	23.6	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	[5] 10	2.6	10.4	--	1.32	--	
57-7	Cornfield Wash (4)----------	-----do----------	-----do----------	1.18	1.17	Apr. 1951	--	22.1	18.9	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	[5] 10	17.4	14.9	--	.40	--	
57-8	Cornfield Wash (5)----------	-----do----------	-----do----------	1.04	1.04	Apr. 1951	--	9.2	8.8	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	[5] 10	3.0	2.9	--	.60	--	
57-9	Cornfield Wash (9)----------	-----do----------	-----do----------	.09	.09	Apr. 1951	--	4.6	51.1	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	[5] 10	3.1	34.5	--	1.67	--	
57-10	Cornfield Wash (13)---------	-----do----------	-----do----------	.33	.33	Apr. 1951	--	7.4	22.4	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	[5] 10	.3	.9	--	2.15	--	
57-11	Cornfield Wash (15)---------	-----do----------	-----do----------	1.04	1.03	Dec. 1953	--	17.9	17.2	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	[5] 7	17.8	17.1	--	.01	--	
57-12	San Luis (1)----------	-----do----------	-----do----------	1.06	1.05	Aug. 1952	--	16.3	15.4	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	[5] 8	12.0	11.3	--	.51	--	
57-13	San Luis (3)----------	-----do----------	-----do----------	.67	.66	Aug. 1952	--	22.6	33.7	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	[5] 8	19.6	29.3	--	.58	--	
57-14	Zia Reservoir----------	Jemez (Trib. of)----------	San Ysidro, New Mexico-	2.4	2.4	June 1954	--	59.9	24.9	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	[5] 7	19.0	7.9	--	2.43	--	
57-15	Jemez Canyon----------	Jemez River----------	Bernalillo, New Mexico-	1,034	1,034	Oct. 1953	--	117,213	113	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1958	4.2	115,821	112	*75.7	.320	527	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1959	1.6	113,874	110	*75.7	1.177	2,007	
			UPPER PECOS RIVER BASIN										
58-1	Bonito----------	Bonito Creek, Kraut Gulch.---	Capitan, New Mexico----	40.0	39.9	June 1931	--	1,180	29.5	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1940	9	1,150	28.8	--	0.083	--	
58-2	Alamogordo (Carlsbad Project)	Pecos River----------	Guadalupe, New Mexico--	4,393	3,749	-- 1936	--	156,750	41.81	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1940	3.2	146,071	31.49	--	.876	1,410	

	-----do-----	-----do-----	-----do-----	--	--	Oct.	1943	3.1	130,280	34.75	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Apr.	1944	.5	132,171	35.26	*73.5	1.03	1,649	
58-3a	Avalon (Lake Avalon)--------	-----do-----	Carlsbad, New Mexico---	16,030	1,080	Apr.	1907	--	7,600	--	--	--	--	BR
	-----do-----	-----do-----	-----do-----	--	--	Apr.	1941	34.00	6,633	([6])	--	[7] .0263	--	
	-----do-----	-----do-----	-----do-----	--	--	July	1956	15.25	5,647	([6])	76.7	.0599	--	
58-4a	McMillan (Lake McMillan)----	-----do-----	-----do-----	14,950	14,950	Jan.	1894	--	91,000	6.09	--	--	--	BR
	-----do-----	-----do-----	-----do-----	--	--	June	1904	10.42	73,000	4.88	--	[8] .116	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov.	1910	6.42	61,500	4.11	--	.120	--	
	-----do-----	-----do-----	-----do-----	--	--	May	1915	4.50	45,500	3.04	--	.238	--	
	-----do-----	-----do-----	-----do-----	--	--	June	1925	10.08	42,000	2.81	--	.023	--	
	-----do-----	-----do-----	-----do-----	--	--	Dec.	1932	7.50	40,500	2.71	--	.013	--	
	-----do-----	-----do-----	-----do-----	--	--	Jan.	1940	7.08	38,655	2.59	*70	.017	--	
	-----do-----	-----do-----	-----do-----	--	--	July	1956	16.50	39,400	[9] 3.19	62.4	.004	--	

COLORADO RIVER BASIN (BELOW HOOVER DAM)
Williams and Lower Gila River Basins

59-

GILA RIVER BASIN

60-1	Lake Pleasant----------	Aqua Fria River----------	Phoenix, Arizona-------	1,450	1,444	Apr.	1928	--	184,500	127	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Feb.	1941	12.9	176,456	122	--	0.432	--	
60-2	San Carlos (Coolidge Dam)---	Gila River----------	Globe, Arizona---------	12,900	11,900	Nov.	1928	--	1,267,447	98.25	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Feb.	1935	6.3	1,233,335	95.61	*70	.456	695	
	-----do-----	-----do-----	-----do-----	--	--	Jan.	1937	1.9	1,231,305	95.45	--	.089	136	
	-----do-----	-----do-----	-----do-----	--	--	Jan.	1947	10.0	1,209,953	93.79	--	.179	273	
60-3	Stock Tank No. 16 (Bryce Dam).	Butler Wash----------	Eden, Arizona----------	.69	.69	Mar.	1936	--	11.43	16.6	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	--	1941	5.2	5.13	7.43	--	1.75	--	
60-4	Roosevelt-Salt River Project.	Salt River and Tonto Creek---	Globe, Arizona---------	5,760	5,760	Dec.	1914	5.7	1,495,200	259.63	*70	.819	1,248	BR
	-----do-----	-----do-----	-----do-----	--	--	Oct.	1916	1.8	1,460,150	253.50	*70	3.350	5,107	
	-----do-----	-----do-----	-----do-----	--	--	Sept.	1925	8.9	1,425,813	247.54	*70	.670	1,021	
	-----do-----	-----do-----	-----do-----	--	--	Jan.	1935	9.3	1,418,013	246.18	*70	.145	221	
	-----do-----	-----do-----	-----do-----	--	--	Jan.	1939	4.0	1,398,430	242.78	*70	.850	1,296	
	-----do-----	-----do-----	-----do-----	--	--	Jan.	1946	7.0	1,381,580	239.86	*70	.418	637	
60-5	Allen----------	Trib. Gila River----------	Thatcher, Arizona------	[10] 4.17	4.13	--	1936	--	279	66.9	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June	1958	22	253	61.3	--	.27	--	
60-6	"D" Mt. Tank No. 1----------	Whitewater Draw----------	Douglas, Arizona-------	0.21	.21	--	1917	--	2.94	14.0	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Nov.	1958	41	2.54	12.1	*75	.05	81.7	
60-7	"D" Mt. No. 2----------	-----do-----	-----do-----	10.92	10.92	--	1938	--	2.55	.23	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Nov.	1958	20	.70	.06	*75	.008	13.1	
60-8	"D" Mt. No. 3----------	-----do-----	-----do-----	2.48	2.48	Sept.	1947	--	14.7	5.93	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Nov.	1958	7	.0	.0	*85	.85	1,573	
60-9	"D" Mt. No. 4----------	-----do-----	-----do-----	.36	.36	Mar.	1942	--	.43	1.19	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Nov.	1958	[11] 12	.0	.0	*90	.10	196	
60-10	"D" Mt. No. 5----------	-----do-----	-----do-----	12.3	12.3	--	1943	--	3.0	.24	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Nov.	1958	15	2.7	.22	*75	.006	9.8	
60-11	"D" Mt. Pond No. 6----------	-----do-----	-----do-----	5.68	5.68	--	1941	--	.8	.14	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Nov.	1958	16	.6	.12	*75	.006	9.8	
60-12	Dos Cabezas No. 4 SW--------	Trib. of Wilcox Dry Lake-----	Dos Cabezas, Arizona---	.6	.6	--	1949	--	6.0	10.0	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Nov.	1960	11	4.1	6.8	*90	.29	559	
60-13	Dos Cabezas No. 15----------	-----do-----	-----do-----	.38	.38	--	1940	--	4.7	12.4	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Oct.	1960	20	2.8	7.4	*90	.23	451	
60-14	Halfmoon----------	Trib. of Gila River----------	Florence, Arizona------	.2	.2	--	1941	--	6.8	34.0	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June	1960	19	3.9	19.5	*85	.75	1,388	
60-15	Homestead----------	-----do-----	-----do-----	.9	.9	--	1954	--	6.00	6.7	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June	1960	6	1.83	2.0	*90	.78	1,530	
60-16	Lower Foote Wash.----------	Foote Wash River----------	Safford, Arizona-------	480	[12] .63	--	1936	--	14.8	3.08	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June	1958	22	13.0	2.71	--	.13	--	
60-17	Magma No. 1----------	Magma Wash----------	Florence, Arizona------	1.78	1.78	--	1948	--	5.7	3.2	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May	1959	11	2.7	1.5	*80	.15	261	
60-18	Magma No. 2----------	-----do-----	-----do-----	.38	.38	Feb.	1954	--	1.6	4.21	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May	1959	5.4	1.3	3.42	*85	.15	278	
60-19	Magma No. 3----------	-----do-----	-----do-----	21.9	*7.0	--	1949	--	6.0	.27	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May	1959	10	3.8	.17	*75	.01	17.42	

[1] Includes Hucco Watershed but does not nnclude Roberts Watershed.
[2] Total storage shows a gain of 9,180 acre-feet since 1947 survey attributable primarily to compaction.
[3] Includes 2,940 square miles in closed basin in San Luis Valley, Colo.
[4] Drainage area between gaging station below Elephant Butte Dam and gaging station below Caballo Dam less original water surface area of Caballo Reservoir at elevation 4,225.3.
[5] Runoff seasons.
[6] Three different drainage areas.
[7] Compacted sediment for 1,080 square miles; values for 16,030 square miles are given in endix summaries.
[8] Values based on below crest deposits; values for above crest deposits are given in appendix summaries.
[9] Based on weighted average area 12,360 square miles (14,950 - 46.0 + 11,200 - 16.5)/62.5.
[10] Drainage area size includes 1.87 square miles diverted from Hawk Hollow.
[11] Reservoir was full of sediment in 1954.
[12] This reservoir is downstream from Upper Foote Wash Reservoir. Little or no sediment is contributed from the 4.17 square miles above this dam.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ. MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
				GILA RIVER BASIN--Continued									
60-20	Riggs	Trib. Wilcox Dry Lake	Dos Cabezas, Ariz.	0.6	0.6	-- 1946	--	1.9	3.2	--	--	--	SCS
	do	do	do	--	--	Oct. 1960	14	1.4	2.3	*80	0.06	105	
60-21	Upper Foote Wash	Foote Wash River	Safford, Ariz.	4.95	4.95	-- 1936	--	24.2	4.89	--	--	--	SCS
	do	do	do	--	--	June 1958	22	19.5	3.94	--	.04	--	
60-22	Witlow Old Tank	Trib. Gila River	Florence, Ariz.	.74	.74	-- 1950	--	3.4	4.6	--	--	--	SCS
	do	do	do	--	--	June 1960	10	1.8	2.4	*85	.23	426	
60-23	Bartlett	Verde River	Phoenix, Ariz.	194	190	Feb. 1939	--	182,608	[1] 31.4	--	--	--	BR
	do	do	do	--	--	Aug. 1942	3.50	179,480	[1] 30.9	--	.154	--	
	do	do	do	--	--	Nov. 1950	8.33	179,548	[2] 941.0	--	--	--	
60-24	Horseshoe	do	do	5,618	5,614	Nov. 1945	--	144,030	--	--	--	--	BR
	do	do	do	--	--	Oct. 1950	4.9	142,830	25.4	--	.044	--	
				LITTLE COLORADO AND SAN JUAN RIVER BASINS									
61-1	Oak Creek Reservoir	Trib. of Zuni River	Zuni, N. Mex.	9.41	9.41	Oct. 1954	--	334.8	35.6	--	--	--	GS
	do	do	do	--	--	May 1960	[3] 6	148.0	15.7	--	3.32	--	
				COLORADO RIVER BASIN (HALLS CROSSING TO HOOVER DAM)									
62-1	Lake Mead	Colorado River	Boulder City, Nev.	167,800	[4] 167,600	-- 1935	--	31,250,000	186	--	--	--	GS
	do	do	do	--	--	Sept. 1948[5]	13.7	29,827,000	178	65	0.620	877	
				COLORADO RIVER BASIN (ABOVE HALLS CROSSING Gunnison, Dolores and Fremont River Basins									
63-1	Badger Detention (14)	Badger Wash	Mack, Colo.	1.53	1.49	May 1957	--	201.52	131.5	--	--	--	GS
	do	do	do	--	--	Nov. 1958	1.6	199.35	130.2	--	0.91	--	
	do	do	do	--	--	Nov. 1959	1.0	196.27	128.2	--	2.07	--	
	do	do	do	--	--	Nov. 1961	2.0	190.38	124.4	--	1.97	--	
63-2	Badger Wash West Twin (2A)	do	do	.167	.165	Dec. 1953	--	6.30	37.7	--	--	--	GS
	do	do	do	--	--	July 1955	1.6	4.47	26.8	--	6.91	--	
	do	do	do	--	--	Nov. 1956	1.4	4.47	26.8	--	0	--	
	do	do	do	--	--	Oct. 1957	1.0	3.98	23.8	--	2.97	--	
	do	do	do	--	--	Nov. 1958	1.0	3.98	23.8	--	0	--	
	do	do	do	--	--	Nov. 1959	1.0	3.65	21.8	--	2.00	--	
	do	do	do	--	--	Nov. 1961	2.0	2.43	14.5	--	3.70	--	
63-3	Badger Wash Lower Oil Well (3A)	do	do	.059	.055	Dec. 1953	--	12.90	218	--	--	--	GS
	do	do	do	--	--	July 1955	1.6	12.65	214	--	2.91	--	
	do	do	do	--	--	Nov. 1956	1.4	12.65	214	--	0	--	
	do	do	do	--	--	Oct. 1957	1.0	12.55	213	--	1.82	--	
	do	do	do	--	--	Nov. 1958	1.0	12.55	213	--	0	--	
	do	do	do	--	--	Nov. 1959	1.0	12.33	209	--	4.00	--	
	do	do	do	--	--	Nov. 1961	2.0	12.12	206	--	1.82	--	
63-4	East Basin (1)	do	do	.089	.087	Apr. 1954	--	5.45	61.3	--	--	--	GS
	do	do	do	--	--	Nov. 1956	2.6	4.92	55.3	--	2.30	--	
	do	do	do	--	--	Oct. 1957	1.0	4.76	53.5	--	1.84	--	
	do	do	do	--	--	Nov. 1959	2.0	4.65	52.3	--	.69	--	

63-5	Middle Basin (12)	do	do	.092	.088	Apr.	1954	--	16.93	184	--	--	--	GS
	do	do	do	--	--	Nov.	1956	2.6	15.87	172	--	4.66	--	
	do	do	do	--	--	Oct.	1957	1.0	15.38	167	--	5.57	--	
	do	do	do	--	--	Nov.	1959	2.0	15.32	167	--	.34	--	
63-6	Prairie Dog (4A)	do	do	.022	.021	Dec.	1953	--	3.05	139	--	--	--	GS
	do	do	do	--	--	July	1955	1.6	2.55	116	--	14.8	--	
	do	do	do	--	--	Nov.	1956	1.4	2.55	116	--	0	--	
	do	do	do	--	--	Nov.	1957	1.0	2.35	107	--	9.52	--	
	do	do	do	--	--	Nov.	1958	1.0	2.35	107	--	0	--	
	do	do	do	--	--	Nov.	1959	1.0	2.29	104	--	2.85	--	
	do	do	do	--	--	Nov.	1961	2.0	2.06	94	--	5.71	--	
63-7	Southeast (13)	do	do	.484	.477	Apr.	1954	--	27.25	56.4	--	--	--	GS
	do	do	do	--	--	Nov.	1956	2.6	24.85	51.4	--	1.93	--	
	do	do	do	--	--	Oct.	1957	1.0	23.44	48.5	--	2.96	--	
	do	do	do	--	--	Nov.	1959	2.0	22.26	46.0	--	1.24	--	
63-8	Upper Hanks (1A)	do	do	.066	.066	Dec.	1953	--	8.30	126	--	--	--	GS
	do	do	do	--	--	July	1955	1.6	7.52	114	--	7.66	--	
	do	do	do	--	--	Nov.	1956	1.4	7.52	114	--	0	--	
	do	do	do	--	--	Nov.	1957	1.0	7.27	110	--	3.91	--	
	do	do	do	--	--	Nov.	1958	1.0	7.27	110	--	0	--	
	do	do	do	--	--	Nov.	1959	1.0	6.97	106	--	4.69	--	
	do	do	do	--	--	Nov.	1961	2.0	6.60	100	--	2.81	--	
				GREEN RIVER BASIN										
64-														
				GREAT SALT LAKE BASIN										
65-1	East Canyon	East Canyon Creek	Morgan, Utah	144	144	--	1896	--	[6] 3,850	26.8	--	--	--	BR
	do	do	do	--	--	Oct.	1954	58	28,730	199	[7] 77.1	0.124	208	
65-2	Echo	Weber River	Echo, Utah	732	732	Oct.	1930	--	75,718	103	--	--	--	BR
	do	do	do	--	--	Oct.	1954	24	73,900	101	[7] 71	.104	161	
65-3	Santaquin Debris Basin	Summit Creek	Santaquin, Utah	17.65	13.5	--	1954	--	*84.0	4.8	--	--	--	SCS
	do	do	do	--	--	Dec.	1957	3	*65.0	3.7	*90	.47	921	
				SEVIER RIVER BASIN										
66-1	Booby Hole	Booby Hole Creek	Koosharem, Utah	5.0	4.9	Sept.	1865	--	607	121	--	--	--	SCS
	do	do	do	--	--	Oct.	1940	75	598	120	--	0.024	--	
66-2	Indian Creek No. 1	Indian Creek	Beaver, Utah	12.0	11.95	--	1898	--	318	26.5	--	--	--	SCS
	do	do	do	--	--	Nov.	1940	42	299	24.9	--	.038	--	
66-3	Rocky Ford	Beaver River	do	510	508	Feb.	1915	--	23,260	45.6	--	--	--	SCS
	do	do	do	--	--	Nov.	1940	25.8	21,509	42.2	--	.134	--	
66-4	Rocky Ford	Sevier River	Sigurd, Utah	900	900	--	1890	--	2,115	2.35	--	--	--	SCS
	do	do	do	--	--	Nov.	1940	50	790	.88	--	.029	--	
66-5	Skutumpah	Skutumpah Creek	Salina, Utah	10.0	9.92	--	1893	--	667	66.7	--	--	--	SCS
	do	do	do	--	--	Nov.	1940	47	430	43.0	--	.508	--	
66-6	Enterprise	Pine Creek	Enterprise, Utah	25.0	23.4	--	1909	--	9,000	360	--	--	--	SCS
	do	do	do	--	--	Nov.	1940	31	8,550	342	--	.620	--	
66-7	Yankee Meadows	Pole Creek	Parowan, Utah	7.0	6.9	Dec.	1926	--	2,500	357	--	--	--	SCS
	do	do	do	--	--	Nov.	1940	14	2,200	314	--	3.10	--	
66-8	Piute	Sevier River	Marysville, Utah	2,440	2,436	--	1910[8]	--	81,200	33.3	--	--	--	SCS
	do	do	do	--	--	--	1938	28	74,010	30.3	--	.106	--	
66-9	Sevier Bridge	do	Nephi, Utah	5,120	1,089	--	1908	--	250,000	48.8	--	--	--	SCS
	do	do	do	--	--	--	1932	24	234,462	45.8	--	.594	--	
66-10	Chalk Creek Debris Basin	Chalk Creek	Fillmore, Utah	60.8	*60	July	1936	.5	44.12	.725	*70	[9] .73	1,112.9	SCS
	do	do	do	--	--	--	1946	10	0	0	*75	[10] .14	[10] 228.7	
	do	do	do	--	--	Mar.	1955	8.5	0	0	75	--	--	
66-11	Fiddlers Canyon Debris Basin	Fiddlers Canyon River	Cedar City, Utah	12.6	12.6	--	1947	--	[11] 16.46	1.3	--	--	--	SCS
	do	do	do	--	--	Nov.	1956	9	0	1.2	*70	[12] .145	221	
66-12	Mill Canyon	Mill Canyon River	Glenwood, Utah	19.5	19.5	Dec.	1957	--	208	10.68	--	--	--	SCS
	do	do	do	--	--	Dec.	1960	3.0	186	9.55	*70	.37	564	

[1] Based on original drainage area of 5,815 square miles.
[2] Based on drainage area of 194 square miles, reduced by construction of Horseshoe Dam upstream.
[3] Runoff season.
[4] Not adjusted for numerous small reservoirs.
[5] Period of survey was from March 1948 - March 1949.
[6] Formed by original rock filled dam 58 feet high which was subsequently raised in 1900, 1902, and 1916.
[7] Computed from Size Analysis (Report No. 9).
[8] Original survey made in 1908.
[9] Basin filled with sediment by one summer flash flood.
[10] Has no meaning as a large portion of the sediment passed through the basin.
[11] Includes deposition above crest of spillway.
[12] A large portion of fines have passed through the spillway.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			GREAT BASIN (NORTHWESTERN PART IN CALIFORNIA, NEVADA, AND OREGON)										
67-													
			GREAT BASIN Humboldt, Carson, and Truckee River Basins										
68-1	Willow Creek	Willow Creek	Elko, Nev	112	111	-- 1924	--	15,300	137	--	--	--	SCS
	do	do	do	--	--	Sept. 1939	15	15,050	134	--	0.15	--	
			GREAT BASIN Owens, Walker, and Mono Lake Drainages										
69-1	Weber	Walker River	Shurz, Nev	2,800	2,440	Sept. 1935	--	13,200	4.7	--	--	--	SCS
	do	do	do	--	--	Sept. 1939	4	12,980	4.6	--	0.02	--	
			SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE										
70-1	Fullerton Flood-control Basin	Fullerton Creek	Brea, Calif	3.05	2.95	Oct. 1941	--	753.5	247	--	--	--	CE
	do	do	do	--	--	Nov. 1944	3.1	743.0	244	--	1.15	--	
70-2	Lake Hodges	San Dieguito River	Escondido, Calif	303	301	Jan. 1919	--	36,601	121	--	--	--	SCS
	do	do	do	--	--	July 1935	16.5	34,779	115	*65	.365	517	
	do	do	do	--	--	July 1948	13.0	33,482	111	--	.332	470	
70-3	Railroad Canyon	San Jacinto River	Elsinore, Calif	718	651	May 1928	--	12,218	17.0	--	--	--	SCS
	do	do	do	--	--	June 1939	11	12,034	16.8	*60	.03	39	
70-4	Lake Sherwood	Triunfo Creek	Hollywood, Calif	16	15.7	-- 1905	--	2,870	179	--	--	--	SCS
	do	do	do	--	--	Mar. 1936	31	2,792	175	*50	.16	174	
	do	do	do	--	--	Mar. 1938	2	2,772	173	--	.64	697	
70-5	Stone Canyon	Stone Canyon Creek	Sawtelle, Calif	1.36	1.16	May 1921	--	7,998	5,881	--	--	--	SCS
	do	do	do	--	--	June 1939	18.1	7,949	5,845	*60	2.34	3,058	
70-6	Bonita Canyon	Bonita Creek	Orange, Calif	4.00	4.00	Jan. 1938	--	326	81.5	--	--	--	SCS
	do	do	do	--	--	June 1939	2	305	76.3	*60	2.63	3,437	
70-7	Bouquet Canyon	Bouquet Creek	San Fernando, Calif	12.6	11.6	Mar. 1934	--	36,500	2,897	--	--	--	SCS
	do	do	do	--	--	June 1939	5	36,436	2,892	*40	1.10	958	
70-8	Chatsworth	Trib. of Los Angeles River	do	540	4.45	Apr. 1918	--	10,125	2,275	--	--	--	SCS
	do	do	do	--	--	June 1939	21	10,077	2,264	*40	.51	444	
70-9	Lake Hemet	Trib. of San Jacinto River	Hemet, Calif	66.0	65.3	-- 1892	--	14,000	212	--	--	--	SCS
	do	do	do	--	--	June 1940	48	11,702	177	*75	.73	1,190	
70-10	Laguna	Trib. of Newport Bay	Orange, Calif	.75	.72	Feb. 1938	--	274	365	--	--	--	SCS
	do	do	do	--	--	June 1939	2	266	355	*40	5.56	4,840	
70-11	Encino	Encino Creek	Los Angeles, Calif	1.42	1.30	May 1921	--	3,229	2,274	--	--	--	SCS
	do	do	do	--	--	June 1939	18	3,210	2,261	*40	.815	710	
70-12	Fairmont	Antelope Valley Wash	Lancaster, Calif	2.64	2.37	Oct. 1913	--	7,487	2,836	--	--	--	SCS
	do	do	do	--	--	June 1939	26	7,393	2,800	--	1.53	--	
70-13a	Little Rock	Little Rock Creek	Palmdale, Calif	68.0	67.84	Apr. 1924	--	4,217	62.0	--	--	--	SCS
	do	do	do	--	--	Jan. 1936	11.0	4,139	60.9	*85	.10	185	
	do	do	do	--	--	June 1938	3.0	3,648	53.6	--	2.41	4,460	
	do	do	do	--	--	Oct. 1943	5.0	3,404	50.1	--	.72	1,330	
	do	do	do	--	--	Dec. 1946	3.0	3,352	49.3	--	.25	460	
	do	do	do	--	--	Oct. 1951	4.8	3,297	48.4	--	.49	907	
	do	do	do	--	--	Aug. 1953	2.2	3,313	48.7	--	(1)	(1)	

70-14a	Live Oak Flood Control Basin	Live Oak Creek	Pasadena, Calif	2.30	2.30	Nov.	1922	--	250	109	--	--	--	SCS
	do	do	do	--	--	Mar.	1936	13.5	242	105	*85	.26	481	
	do	do	do	--	--	May	1938	2.4	229	99.6	--	2.36	4,370	
	do	do	do	--	--	Nov.	1952	14.5	221	96	--	.21	--	
70-15	Morena	Cottonwood Creek	San Diego, Calif	112.0	109.4	Mar.	1910	--	66,767	596	--	--	--	SCS
	do	do	do	--	--	Dec.	1935	25.7	60,699	542	*60	2.16	2,823	
	do	do	do	--	--	July	1948	12.6	58,933	526	--	1.28	1,673	
70-16a	Prado F. C. Basin	Santa Ana River	Corona, Calif	2,258	1,435	--	1940	--	223,000	98.8	--	--	--	SCS
	do	do	do	--	--	May	1941	1	222,481	98.5	*75	.231	377	
	do	do	do	--	--	Aug.	1960	19.2	217,000	96.1	--	.199	--	
70-17	Mockingbird Canyon	Mockingbird Creek[2]	Arlington, Calif	11.6	11.5	--	1914	--	1,000	86	--	--	--	SCS
	do	do	do	--	--	Mar.	1940	26	961	83	*60	.130	170	
70-18a	Hansen F. C. Basin	Tujunga Creek	San Fernando, Calif	147	[3] 146	Sept.	1940	--	35,800	244	--	--	--	CE
	do	do	do	--	--	July	1941	[4] .8	35,200	239	--	--	--	
	do	do	do	--	--	Oct.	1943	2.3	34,100	232	--	1.14	--	
	do	do	do	--	--	Nov.	1945	2.1	33,500	228	--	1.36	--	
70-19	Brea F. C. Basin	Brea Creek	Fullerton, Calif	23.4	23.1	Mar.	1942	--	4,168	178	--	--	--	CE
	do	do	do	--	--	Oct.	1949	7.5	4,097	175	--	.41	--	
70-20a	Cogswell F. C. Basin	San Gabriel River	Azusa, Calif	39.2	39.0	Apr.	1935	--	12,881	329	--	--	--	CE
	do	do	do	--	--	Jan.	1936	.8	12,298	314	--	--	--	
	do	do	do	--	--	Apr.	1938	2.2	10,786	275	--	17.6	--	
	do	do	do	--	--	Nov.	1939	1.6	11,029	281	--	--	--	
	do	do	do	--	--	Nov.	1940	1.0	11,102	283	--	--	--	
	do	do	do	--	--	Nov.	1941	1.0	10,915	278	--	4.79	--	
	do	do	do	--	--	Oct.	1943	1.9	10,501	268	--	5.59	--	
	do	do	do	--	--	Jan.	1945	1.2	10,536	269	--	--	--	
	do	do	do	--	--	Sept.	1946	1.7	10,597	270	--	--	--	
	do	do	do	--	--	Sept.	1947	1.0	10,634	271	--	--	--	
	do	do	do	--	--	Dec.	1957	10.2	10,585	270	--	.12	--	
	do	do	do	--	--	Oct.	1958	.7	10,446	268	--	--	--	
70-21b	San Gabriel Flood Control Basin (San Gabriel Dam No. 1)	do	do	203	[5] 242	Original			53,344	--	--	--	--	CE
	do	do	do	--	--	Oct.	1938	.9	47,191	--	--	28.3	--	
	do	do	do	--	--	Nov.	1940	2.1	46,335	--	--	1.68	--	
	do	do	do	--	--	Sept.	1941	.8	45,862	--	--	--	--	
	do	do	do	--	--	Oct.	1942	1.0	45,759	--	--	.43	--	
	do	do	do	--	--	Sept.	1943	1.0	44,032	--	--	7.13	--	
	do	do	do	--	--	Oct.	1944	1.1	44,388	--	--	--	--	
	do	do	do	--	--	Nov.	1945	1.0	44,342	183	--	.19	--	
	do	do	do	--	--	Nov.	1948	3.0	43,825	180	--	.97	--	
	do	do	do	--	--	Nov.	1951	3.0	43,928	181	--	.23	--	
	do	do	do	--	--	Jan.	1953	1.2	43,853	180	--	.94	--	
	do	do	do	--	--	May	1954	1.3	44,013	181	--	.127	--	
	do	do	do	--	--	Aug.	1958	4.3	44,614	184	--	.193	--	
	do	do	do	--	--	Sept.	1961	3.1	44,366	183	--	.329	--	
70-22a	Morris Reservoir	do	do	[6] 211.3	210.7	Jan.	1934	--	39,316	186	--	--	--	CE
	do	do	do	--	--	Jan.	1936	2.0	38,692	183	--	1.48	--	
	do	do	do	--	--	Feb.	1938	2.1	37,175	176	--	3.43	--	
	do	do	do	--	--	Oct.	1938	.7	36,655	173	--	--	--	
	do	do	do	--	--	Dec.	1949	11.2	35,174	166	--	.63	--	
	do	do	do	--	--	Sept.	1956	6.7	34,861	165	--	.22	--	
70-23a	San Dimas F. C. Basin	San Dimas Wash	San Dimas, Calif	16.2	16.1	Sept.	1922	--	1,496	92	--	--	--	CE
	do	do	do	--	--	Dec.	1935	13.2	1,373	85	--	.58	--	
	do	do	do	--	--	Oct.	1938	2.9	1,155	71	--	4.67	--	
	do	do	do	--	--	Nov.	1939	1.0	1,189	74	--	--	--	
	do	do	do	--	--	Dec.	1941	2.1	1,145	71	--	1.30	--	
	do	do	do	--	--	Oct.	1943	1.9	1,071	66	--	2.42	--	
	do	do	do	--	--	Nov.	1944	1.0	1,042	64	--	1.80	--	
	do	do	do	--	--	Oct.	1954	9.8	1,025	63	--	.11	--	
	do	do	do	--	--	Nov.	1961	7.1	705	44	--	2.80	--	
70-24b	Puddingstone Diversion Dam	do	do	18.8	2.6	Oct.	1929	--	148	7.9	--	--	--	CE
	do	do	do	--	--	Jan.	1936	6.2	121	6.4	--	1.67	--	
	do	do	do	--	--	Mar.	1938	2.1	50	2.7	--	13.00	--	
	do	do	do	--	--	Nov.	1939	1.8	76	4.0	--	--	--	
	do	do	do	--	--	Oct.	1942	2.9	101	5.4	--	--	--	
	do	do	do	--	--	Sept.	1944	2.0	112	6.0	--	--	--	
	do	do	do	--	--	Jan.	1952	7.3	119	6.3	--	--	--	
	do	do	do	--	--	Sept.	1953	1.7	138	7.3	--	--	--	

[1] Not computed because of scour during period.
[2] Equalizing reservoir on the Gage Canal system obtaining water from the Santa Ana River.
[3] Includes 82 square miles above Big Tujunga Dam; however, practically all sediment inflow is passed downstream by sluicing operations.
[4] Periods include first month, but not the last month.
[5] Includes San Gabriel Dam 2 drainage area as sediment is sluiced into San Gabriel Dam 1 drainage area.
[6] 8.7 square miles of total drainage area is below San Gabriel Dam 1.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)										
70-25a	Puddingstone Dam F. C. Basin.	Puddingstone Creek----------	San Dimas, Calif.------	32.2	[1] 11.0	-- 1915	--	17,398	540	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	-- 1927	0	17,398	540	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1941	13	17,190	534	--	1.45	--	
70-26a	Big Dalton F. C. Basin------	Big Dalton Creek----------	Glendora, Calif.-------	4.5	4.5	Jan. 1930	--	1,194	265	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1931	1.7	1,039	231	--	20.26	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1935	3.3	1,053	234	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1938	3.1	969	215	--	6.02	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1943	5.5	953	212	--	.65	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1944	1.0	952	212	--	.22	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1958	14.0	951	211	--	.02	--	
70-27b	Big Santa F. C. Basin-------	Santa Anita Creek----------	Arcadia, Calif.--------	10.8	10.8	-- 1923	--	1,376	127	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1935	7.9	1,068	99	--	3.61	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1936	8.9	1,014	94	--	5.00	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1938	2.4	688	64	--	12.6	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1940	1.6	710	66	--	7.18	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1942	2.0	701	65	--	1.43	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1943	1.1	568	53	--	11.2	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1943	.5	604	56	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1944	.7	697	65	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1947	2.7	728	67	--	.44	--	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1952	5.9	728	67	--	.22	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1954	1.6	584	54	--	9.15	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1956	1.5	613	57	--	1.30	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1958	2.6	587	54	--	.04	--	
70-28b	Big Tujunga F. C. Basin-----	Big Tujunga Creek----------	Sunland, Calif.--------	82.3	82.2	-- 1931	--	6,240	76	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	May 1938	6.9	4,734	58	--	2.65	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1939	1.5	4,488	55	--	2.00	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1940	.3	4,568	56	--	2.64	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1941	1.5	4,425	54	--	7.33	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1943	1.5	4,043	49	--	3.10	--	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1943	.2	4,236	51	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1944	1.1	4,235	51	--	2.19	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1953	9.3	4,099	50	--	.18	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1958	4.7	4,123	50	--	.28	--	
70-29a	Devil's Gate F. C. Basin----	Arroyo Seco River----------	Pasadena, Calif.-------	31.9	31.7	-- 1916	--	4,601	144	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	June 1933	13.0	4,554	142	--	.11	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1934	1.2	4,127	130	--	11.15	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1935	.3	3,996	125	--	13.69	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1938	3.5	2,967	93	--	9.22	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1942	3.6	2,738	86	--	2.08	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1943	1.0	2,504	80	--	7.02	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	5.7	2,561	80	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1955	7.1	2,709	85	--	.58	--	
70-30b	Eaton Wash F. C. Basin------	Eaton Creek----------	-----do----------	9.5	9.4	-- 1936	--	956	101	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1937	1.0	945	100	--	1.17	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1938	1.3	698	73	--	20.2	--	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1938	.6	699	73	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1940	1.8	711	75	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1941	.8	681	72	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1942	1.1	722	76	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1943	1.1	632	67	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1944	1.0	607	64	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1946	2.0	674	71	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1947	.7	661	70	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1950	3.0	665	70	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1952	1.6	703	74	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1957	5.3	655	69	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	1.5	725	76	--	.50	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1961	2.9	807	85	--	2.48	--	

70-31b	Pacoima F. C. Basin---------	Pacoima Canyon----------	San Fernando, Calif.---	28.2	28.2	Oct. 1929	--	6,060	215	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1936	6.3	5,592	198	--	2.63	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1938	2.2	5,004	178	--	9.47	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1942	4.6	4,837	172	--	1.29	--	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1944	2.1	4,714	167	--	2.84	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1954	9.8	4,787	170	--	.15	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1958	3.8	4,651	165	--	2.97	--	
70-32	Santiago----------	Santiago Creek----------	Villa Park, Calif.-----	63	62.1	Dec. 1931	--	25,000	397	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	16.8	24,840	394	--	.15	--	
70-33a	Sawpit F. C. Basin----------	Sawpit Creek----------	Monrovia, Calif.-------	3.3	3.3	-- 1923	--	476	144	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1935	8.3	389	118	--	3.18	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1938	2.6	320	97	--	8.03	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1941	3.0	342	104	--	2.94	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1943	2.6	322	98	--	3.03	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1954	10.2	305	92	--	.51	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1959	5.5	289	88	--	3.03	--	
70-34a	Sierra Madre Debris Dam-----	Little Santa Anita Creek----	Sierra Madre, Calif.---	2.39	2.39	Feb. 1928	--	50.3	21	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1930	2.0	50.3	21	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1932	2.0	47.4	20	--	.61	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1939	7.8	34.4	14	--	.70	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1944	4.1	44.3	19	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1944	.8	42.4	18	--	1.00	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1956	12.0	40.6	17	--	1.95	--	
70-35a	Thompson Creek F. C. Basin--	Thompson Creek----------	Claremont, Calif.------	3.5	3.5	-- 1916	--	692	198	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1932	4.6	643	184	--	3.04	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1943	10.3	612	175	--	.86	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1954	11.7	571	163	--	1.00	--	
70-36b	Wilbur Ave. Debris Basin[3]---	Alison Creek----------	Northridge, Calif.-----	8.63	8.63	Sept. 1943	1	(4)	--	--	[5] 3.17	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1944	1	(4)	--	--	[5] 2.70	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1945	1	(4)	--	--	[5] .63	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1946	1	(4)	--	--	[5] 1.00	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1947	1	(4)	--	--	[5] .91	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(4)	--	--	[5] .50	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(4)	--	--	[5] .24	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(4)	--	--	[5] .13	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1952	2	(4)	--	--	[5] 2.21	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1957	5	(4)	--	--	[5] .05	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1960	3	(4)	--	--	[5] .80	--	
70-37b	Altadena Debris Basin-------	Rubio Wash----------	Altadena, Calif.-------	.65	.65	Sept. 1947	1	(4)	--	--	1.34	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(4)	--	--	1.92	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(4)	--	--	1.35	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(4)	--	--	1.58	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1952	1.5	(4)	--	--	1.75	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1956	3.9	(4)	--	--	1.11	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1957	1.6	(4)	--	--	1.23	--	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1958	.6	(4)	--	--	8.97	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1959	1.4	(4)	--	--	2.57	--	
70-38b	Bailey Debris Dam----------	Bailey Channel----------	Sierra Madre, Calif.---	.57	.57	Sept. 1946	1	(4)	--	--	[5] .84	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1947	1	(4)	--	--	[5] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(4)	--	--	[5] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(4)	--	--	[5] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(4)	--	--	[5] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1952	2	(4)	--	--	[5] .18	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1959	4.8	(4)	--	--	[5] 2.9	--	
70-39a	Brand Debris Basin----------	Brand Canyon Channel--------	La Canada, Calif.------	1.03	1.03	Sept. 1940	5	(4)	--	--	2.90	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1941	1	(4)	--	--	.63	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1942	1	(4)	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1943	1	(4)	--	--	1.86	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1944	1	(4)	--	--	.18	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1945	1	(4)	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1946	1	(4)	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1947	1	(4)	--	--	.09	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(4)	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(4)	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(4)	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1952	2	(4)	--	--	1.59	--	
70-40b	Dunsmuir Debris Basin-------	Dunsmuir Canyon Channel-----	Tujunga, Calif.--------	.84	.84	Sept. 1936	1	(4)	--	--	.69	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1938	2	(4)	--	--	29.0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1940	2	(4)	--	--	8.14	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1941	1	(4)	--	--	8.74	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1942	1	(4)	--	--	.27	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1943	1	(4)	--	--	10.3	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1944	1	(4)	--	--	2.87	--	

[1] 21.1 square miles controlled by San Dimas, Live Oak Dam, and Puddingstone Diversion Dams.
[2] Storage and surface area assumed same at time of initial normal operation, March 1928, as in 1916 survey.
[3] Basin name changed in 1956. Formerly Aliso Wilbur Debris Basin.
[4] Capacity of debris basin varies. Debris exacavated at various times.
[5] Sedimentation values as computed by Los Angeles County FCD are based on complete water year.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE--Continued										
70-40b	Dunsmuir Debris Basin------	Dunsmuir Canyon Channel----	Tujunga, Calif.------	--	--	Sept. 1945	1	(1)	--	--	0.56	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1946	1	(1)	--	--	3.13	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1947	1	(1)	--	--	1.15	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(1)	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(1)	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(1)	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1952	2	(1)	--	--	4.07	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1954	2	(1)	--	--	.35	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1959	5	(1)	--	--	3.16	--	
70-41b	Eagle Debris Basin---------	Eagle Canyon----------	La Crescenta, Calif.-	0.61	0.61	Sept. 1938	2	(1)	--	--	[2] 21.2	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1939	1	(1)	--	--	[2] 11.7	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1941	2	(1)	--	--	[2] 7.03	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1942	1	(1)	--	--	[2] .34	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1943	1	(1)	--	--	[2] 15.7	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1944	1	(1)	--	--	[2] 4.9	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1945	1	(1)	--	--	[2] 1.11	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1946	1	(1)	--	--	[2] .59	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1947	1	(1)	--	--	[2] .41	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(1)	--	--	[2] .07	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1952	2	(1)	--	--	[2] 2.66	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1956	3.9	(1)	--	--	[2] .02	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1960	4.1	(1)	--	--	[2] 1.67	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1961	1	(1)	--	--	[2] 2.05	--	
70-42b	Fair Oaks Debris Basin-----	Fair Oaks Canyon----------	Altadena, Calif.-----	.21	.21	Sept. 1936	1	(1)	--	--	[2] 46.4	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1938	2	(1)	--	--	[2] 47.6	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1941	3	(1)	--	--	[2] 3.9	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1943	2	(1)	--	--	[2] 4.8	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1944	1	(1)	--	--	[2] .24	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1945	1	(1)	--	--	[2] 1.71	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1946	1	(1)	--	--	[2] 2.86	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1947	1	(1)	--	--	[2] 1.95	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(1)	--	--	[2] .019	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1952	2	(1)	--	--	[2] 4.57	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1956	4.1	(1)	--	--	[2] .14	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1958	1.7	(1)	--	--	[2] 19.05	--	
70-43a	Fern Debris Basin----------	Fern Canyon----------	-----do----------	.30	.30	Sept. 1936	1	(1)	--	--	[2] 31.2	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1938	2	(1)	--	--	[2] 41.3	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1941	3	(1)	--	--	[2] 3.30	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1942	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1943	1	(1)	--	--	[2] 22.0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1944	1	(1)	--	--	[2] 6.17	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1945	1	(1)	--	--	[2] 3.07	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1946	1	(1)	--	--	[2] 2.77	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1947	1	(1)	--	--	[2] .43	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1952	2	(1)	--	--	[2] 5.47	--	
70-44b	Gould Debris Basin---------	Gould Canyon Channel-------	La Canada, Calif.----	.47	.47	Sept. 1948	1	(1)	--	--	[2] 0	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	2	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1952	2	(1)	--	--	[2] 5.32	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1958	5.8	(1)	--	--	[2] 3.29	--	
70-45a	Haines Debris Basin--------	Haines Canyon----------	Tujunga, Calif.------	1.53	1.53	Sept. 1938	3	(1)	--	--	[2] 6.93	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1940	2	(1)	--	--	[2] 2.31	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1941	1	(1)	--	--	[2] 5.09	--	

	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1943	2	([1])	--	--	[2] 4.22	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1944	1	([1])	--	--	[2] 3.58	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1945	1	([1])	--	--	[2] 2.59	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1946	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1947	1	([1])	--	--	[2] .37	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1948	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1949	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1950	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	May 1952	1.6	([1])	--	--	[2] 1.57	--	
70-46b	Hall's Debris Basin--------	Hall - Beckley Canyon-------	La Canada, Calif.-----	[3] .84	.84	Sept. 1936	1	([1])	--	--	[2] 17.2	--	CE
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1937	1	([1])	--	--	[2] 13.7	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1938	1	([1])	--	--	[2] 75.4	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1941	3	([1])	--	--	[2] 12.0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1943	2	([1])	--	--	[2] 17.9	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1944	1	([1])	--	--	[2] 6.10	--	
	-----do-----------	-----do-----------	-----do-----------	[3] 1.06	1.06	Sept. 1945	1	([1])	--	--	[2] 2.97	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1946	1	([1])	--	--	[2] 1.00	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1947	1	([1])	--	--	[2] 2.60	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1948	1	([1])	--	--	[2] --	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1949	1	([1])	--	--	[2] --	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1950	1	([1])	--	--	[2] --	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1952	2	([1])	--	--	[2] 6.40	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Feb. 1957	4.4	([1])	--	--	[2] .14	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1959	2.6	([1])	--	--	[2] 11.03	--	
70-47b	Hay Debris Basin----------	Hay Canyon Channel----------	-----do-----------	.20	.20	Sept. 1938	2	([1])	--	--	[2] 28.3	--	CE
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1939	1	([1])	--	--	[2] 6.30	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1940	1	([1])	--	--	[2] .55	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1941	1	([1])	--	--	[2] 1.90	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1943	2	([1])	--	--	[2] 4.75	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1944	1	([1])	--	--	[2] .65	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1945	1	([1])	--	--	[2] 1.55	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1946	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1947	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1948	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1949	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1950	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1952	2	([1])	--	--	[2] 2.30	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1961	9	([1])	--	--	[2] 3.58	--	
70-48a	Los Flores Debris Basin----	Los Flores Channel----------	Altadena, Calif.------	.45	.45	Sept. 1936	1	([1])	--	--	[2] 14.7	--	CE
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1938	2	([1])	--	--	[2] 38.2	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1939	1	([1])	--	--	[2] 1.53	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1943	4	([1])	--	--	[2] 4.40	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1944	1	([1])	--	--	[2] 3.71	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1945	1	([1])	--	--	[2] .93	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1946	1	([1])	--	--	[2] .96	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1947	1	([1])	--	--	[2] .67	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1948	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1949	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1950	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1952	2	([1])	--	--	[2] 1.29	--	
70-49b	Lincoln Debris Basin--------	Lincoln Canyon----------	-----do-----------	.50	.50	Sept. 1936	1	([1])	--	--	[2] 9.86	--	CE
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1938	2	([1])	--	--	[2] 17.8	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1940	2	([1])	--	--	[2] 1.92	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1941	1	([1])	--	--	[2] 15.1	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1943	2	([1])	--	--	[2] 6.48	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1944	1	([1])	--	--	[2] 2.32	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1945	1	([1])	--	--	[2] .58	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1946	1	([1])	--	--	[2] 0	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1947	1	([1])	--	--	[2] 2.00	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1948	1	([1])	--	--	[2] --	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1949	1	([1])	--	--	[2] --	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1950	1	([1])	--	--	[2] --	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Mar. 1952	1.4	([1])	--	--	[2] 1.82	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1961	9.5	([1])	--	--	[2] .01	--	
70-50b	Nichols Debris Basin-------	Nichols Canyon----------	Hollywood, Calif.-----	.94	.94	Sept. 1942	5	([1])	--	--	[2] 3.18	--	CE
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1943	1	([1])	--	--	[2] 1.98	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1944	1	([1])	--	--	[2] .48	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1945	1	([1])	--	--	[2] .20	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1946	1	([1])	--	--	[2] .15	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1947	1	([1])	--	--	[2] 3.72	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1948	1	([1])	--	--	[2] .29	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1949	1	([1])	--	--	[2] .38	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1950	1	([1])	--	--	[2] .80	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Apr. 1952	1.6	([1])	--	--	[2] 5.82	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Feb. 1956	3.8	([1])	--	--	[2] .47	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept. 1959	3.6	([1])	--	--	[2] 1.39	--	

[1] Capacity of debris basin varies. Debris excavated at various times.
[2] Sedimentation values as computed by LACFCD are based on complete water year.
[3] Drainage area 0.84 square mile to 1945; 1.0659 sq. mi. beginning 1945.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)										
70-51b	Paradise Debris Basin------	Paradise Canyon----------	La Canada, Calif-----	0.58	0.58	Sept. 1945	1	(1)	--	--	[2] 1.18	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1946	1	(1)	--	--	[2] .92	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1947	1	(1)	--	--	[2] 1.00	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(1)	--	--	[2] .14	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(1)	--	--	[2] .10	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1952	1.4	(1)	--	--	[2] 5.38	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1956	3.9	(1)	--	--	[2] .98	--	
70-52b	Pickens Debris Basin-------	Pickens Canyon----------	La Crescenta Calif.---	1.84	1.84	Sept. 1936	1	(1)	--	--	[2] 11.0	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1937	1	(1)	--	--	[2] 6.89	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1938	1	(1)	--	--	[2] 44.9	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1939	1	(1)	--	--	[2] 2.95	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1940	1	(1)	--	--	[2] 4.75	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1941	1	(1)	--	--	[2] 11.6	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1943	2	(1)	--	--	[2] 9.03	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1944	1	(1)	--	--	[2] 3.00	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1945	1	(1)	--	--	[2] .51	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1946	1	(1)	--	--	[2] .23	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1947	1	(1)	--	--	[2] .37	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(1)	--	--	[2] .15	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1952	2	(1)	--	--	[2] 2.25	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1959	7	(1)	--	--	[2] 2.81	--	
70-53b	Rubio Debris Basin---------	Rubio Wash.----------	Altadena, Calif.------	1.3	1.3	Sept. 1946	3	(1)	--	--	[2] .69	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1947	1	(1)	--	--	[2] .32	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1952	2	(1)	--	--	[2] 1.23	--	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1957	4.7	(1)	--	--	[2] .05	--	
70-54a	Scholl Debris Basin--------	Scholl Canyon----------	Glendale, Calif-------	.66	.66	Sept. 1947	2	(1)	--	--	[2] .32	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1952	2	(1)	--	--	[2] 1.45	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1961	9	(1)	--	--	[2] .53	--	
70-55b	Shields Debris Basin-------	Shields Channel----------	La Crescenta, Calif.--	.27	.27	Sept. 1938	1	(1)	--	--	[2] 77.0	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1939	1	(1)	--	--	[2] 10.1	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1941	2	(1)	--	--	[2] 10.9	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1943	2	(1)	--	--	[2] 5.85	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1944	1	(1)	--	--	[2] 2.33	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1945	1	(1)	--	--	[2] .52	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1946	1	(1)	--	--	[2] 1.04	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1947	1	(1)	--	--	[2] .04	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1948	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1949	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1950	1	(1)	--	--	[2] 0	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1952	1.5	(1)	--	--	[2] 10.9	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1961	9.5	(1)	--	--	[2] 2.07	--	
70-56b	Snover Debris Basin--------	Snover Canyon----------	-----do----------	.23	.23	Sept. 1938	2	(1)	--	--	[2] 22.6	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1939	1	(1)	--	--	[2] 57.0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1941	2	(1)	--	--	[2] 4.4	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1943	2	(1)	--	--	[2] 8.30	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1945	2	(1)	--	--	[2] .65	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1952	7	(1)	--	--	[2] 1.09	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1961	9	(1)	--	--	[2] .06	--	

70-57b	Sparr Debris Basin	Sparr Channel	Montrose, Calif.	.84	.84	Sept. 1947	.6	[1]	--	--	[2] 0	--	CE
	do	do	do	--	--	Sept. 1948	1	[1]	--	--	[2] 0	--	
	do	do	do	--	--	Sept. 1949	1	[1]	--	--	[2] 0	--	
	do	do	do	--	--	Sept. 1950	1	[1]	--	--	[2] 0		
	do	do	do	--	--	Mar. 1952	1.5	[1]	--	--	[2] 3.56	--	
	do	do	do	--	--	Feb. 1956	3.9	[1]	--	--	[2] 1.13	--	
70-58b	Stough Debris Basin	Stough Canyon Channel	Burbank, Calif.	1.65	1.65	Sept. 1943	3	[1]	--	--	[2] 4.22	--	CE
	do	do	do	--	--	Sept. 1944	1	[1]	--	--	[2] 2.84	--	
	do	do	do	--	--	Sept. 1945	1	[1]	--	--	[2] 1.76	--	
	do	do	do	--	--	Sept. 1946	1	[1]	--	--	[2] 0	--	
	do	do	do	--	--	Sept. 1947	1	[1]	--	--	[2] 0	--	
	do	do	do	--	--	Sept. 1950	3	[1]	--	--	[2] 0	--	
	do	do	do	--	--	Apr. 1952	1.6	[1]	--	--	[2] 2.73	--	
	do	do	do	--	--	Sept. 1958	6.4	[1]	--	--	[2] .37	--	
	do	do	do	--	--	Sept. 1960	2.0	[1]	--	--	[2] .75	--	
70-59b	Sunset Canyon Debris Basin	Sunset Canyon Channel	do	--.44	--.44	Sept. 1942	13	[1]	--	--	[2] 1.34	--	CE
	do	do	do	--	--	Sept. 1944	2	[1]	--	--	[2] .84	--	
	do	do	do	--	--	Sept. 1945	1	[1]	--	--	[2] .18	--	
	do	do	do	--	--	Sept. 1946	1	[1]	--	--	[2] .20	--	
	do	do	do	--	--	Sept. 1950	4	[1]	--	--	[2] 0	--	
	do	do	do	--	--	Sept. 1952	2	[1]	--	--	[2] 2.41	--	
	do	do	do	--	--	Sept. 1959	7	[1]	--	--	[2] 1.68	--	
70-60	Vanalden Debris Basin	Vanalden Channel	Encino, Calif.	1.08	1.08	Sept. 1946	1	[1]	--	--	[2] .32	--	CE
	do	do	do	--	--	Sept. 1947	1	[1]	--	--	[2] .02	--	
	do	do	do	--	--	Sept. 1950	3	[1]	--	--	[2] 0	--	
70-61b	Verdugo Debris Basin	Verdugo Wash	Montrose, Calif.	15.5	10.0	Sept. 1938	3	[1]	--	--	[2] 2.18	--	CE
	do	do	do	--	--	Sept. 1941	3	[1]	--	--	[2] 1.78	--	
	do	do	do	--	--	Sept. 1943	2	[1]	--	--	[2] 3.42	--	
	do	do	do	--	--	Sept. 1944	1	[1]	--	--	[2] 1.27	--	
	do	do	do	--	--	Sept. 1950	6	[1]	--	--	[2] 0	--	
	do	do	do	--	--	Sept. 1952	2	[1]	--	--	[2] 1.60	--	
	do	do	do	--	--	Sept. 1953	1	[1]	--	--	[2] .66	--	
	do	do	do	--	--	May 1956	2.7	[1]	--	--	[2] .002	--	
	do	do	do	--	--	Jan. 1959	2.7	[1]	--	--	[2] .88	--	
	do	do	do	--	--	Sept. 1960	1.7	[1]	--	--	[2] .05	--	
70-62b	Ward Debris Basin (Lower)	Ward Canyon	La Crescenta, Calif.	.64	.64	Sept. 1945	1	[1]	--	--	[2] .51	--	CE
	do	do	do	--	--	Sept. 1946	1	[1]	--	--	[2] 1.63	--	
	do	do	do	--	--	Sept. 1947	1	[1]	--	--	[2] 4.86	--	
	do	do	do	--	--	Sept. 1948	1	[1]	--	--	[2] 1.00	--	
	do	do	do	--	--	Sept. 1949	1	[1]	--	--	[2] .36	--	
	do	do	do	--	--	Sept. 1950	1	[1]	--	--	[2] 1.11	--	
	do	do	do	--	--	Feb. 1952	1.3	[1]	--	--	[2] 6.41	--	
	do	do	do	--	--	Apr. 1952	.2	[1]	--	--	[2] --	--	
	do	do	do	--	--	Sept. 1956	4.4	[1]	--	--	[2] .52	--	
	do	do	do	--	--	Sept. 1958	2.0	[1]	--	--	[2] .70	--	
70-63a	West Ravine Debris Basin	West Ravine	Altadena, Calif.	--.25	--.25	Sept. 1936	1	[1]	--	--	[2] 47.85	--	CE
	do	do	do	--	--	Sept. 1937	1	[1]	--	--	[2] 45.42	--	
	do	do	do	--	--	Sept. 1938	1	[1]	--	--	[2] 73.85	--	
	do	do	do	--	--	Sept. 1940	2	[1]	--	--	[2] 3.60	--	
	do	do	do	--	--	Sept. 1941	1	[1]	--	--	[2] 21.4	--	
	do	do	do	--	--	Sept. 1942	1	[1]	--	--	[2] .44	--	
	do	do	do	--	--	Sept. 1943	1	[1]	--	--	[2] 20.20	--	
	do	do	do	--	--	Sept. 1944	1	[1]	--	--	[2] 8.00	--	
	do	do	do	--	--	Sept. 1945	1	[1]	--	--	[2] .80	--	
	do	do	do	--	--	Sept. 1946	1	[1]	--	--	[2] 1.56	--	
	do	do	do	--	--	Sept. 1947	1	[1]	--	--	[2] 1.52	--	
	do	do	do	--	--	Sept. 1948	1	[1]	--	--	[2] .02	--	
	do	do	do	--	--	Sept. 1949	1	[1]	--	--	[2] 0	--	
	do	do	do	--	--	Sept. 1950	1	[1]	--	--	[2] 0	--	
	do	do	do	--	--	Sept. 1952	2	[1]	--	--	[2] 4.76	--	
70-64	Camp Marston	Dehr Creek	Julian, Calif	1.6	1.59	-- 1918	--	44.1	27.6	--	--	--	SCS
	do	do	do	--	--	Sept. 1951	33	36.9	23.1	*60	.14	183.0	
70-65a	Cooks Canyon Debris Basin	Cooks Canyon	La Crescenta, Calif.	.58	.58	Mar. 1952	.2	[1]	--	--	[2] --	--	CE
	do	do	do	--	--	Sept. 1961	9.5	[1]	--	--	[2] .280	--	
70-66	Auburn Debris Basin	Auburn River	Sierra Madre, Calif.	.19	.19	Dec. 1954	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	4.[illegible]	[1]	--	--	2.6	--	

[1] Capacity of debris basin varies. Debris excavated at various times.

[2] Sedimentation values as computed by Los Angeles County are based on complete water year.
* Estimated or assummed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)										
70-67	Bradbury Debris Basin	Bradbury Canyon	Monrovia, Calif.	0.68	0.68	Jan. 1955	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	4.8	(1)	--	--	[2] 8.1	--	
	do	do	do	--	--	Sept. 1961	2.0	(1)	--	--	[2] 1.62	--	
70-68	Carter Debris Basin	Carter Canyon	Sierra Madre, Calif.	.12	.12	Dec. 1954	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	4.8	(1)	--	--	2.8	--	
70-69	Deer Debris Basin	Deer Canyon	Glendale, Calif.	.59	.59	Jan. 1955	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	4.9	(1)	--	--	.55	--	
70-70	Floral (Upper) Debris Basin	Floral Canyon	Sierra Madre, Calif.	.06	.06	Mar. 1954	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	5.6	(1)	--	--	2.4	--	
70-71	La Tuna Debris Basin	La Tuna Canyon	Los Angeles, Calif.	5.34	5.34	Jan. 1956	--	--	--	--	--	--	CE
	do	do	do	--	--	Feb. 1956	.1	--	--	--	--	--	
	do	do	do	--	--	July 1957	1.4	--	--	--	.04	--	
	do	do	do	--	--	Sept. 1958	1.2	--	--	--	.13	--	
	do	do	do	--	--	Sept. 1959	1.0	--	--	--	2.15	--	
	do	do	do	--	--	Sept. 1960	1.0	--	--	--	1.22	--	
70-72	Lannan Debris Basin	Lannan Wash	Sierra Madre, Calif.	.25	.25	Mar. 1954	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	5.6	(1)	--	--	5.44	--	
70-73	Maddock Debris Basin	Maddock Canyon	Duarte, Calif.	.25	.25	Jan. 1955	--	--	--	--	--	--	CE
	do	do	do	--	--	Mar. 1956	1.2	(1)	--	--	[2] 1.78	--	
	do	do	do	--	--	Sept. 1959	3.5	(1)	--	--	[2] 3.88	--	
70-74	May No. 1 Debris Basin	May Canyon	San Fernando, Calif.	.70	.70	Aug. 1953	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	6.2	(1)	--	--	.78	--	
70-75	May No. 2 Debris Basin	do	do	.09	.09	Aug. 1953	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	6.2	(1)	--	--	.36	--	
70-76	McClure Debris Basin	McClure Canyon	Burbank, Calif.	.62	.62	Dec. 1953	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	5.8	(1)	--	--	[2] 6.6	--	
	do	do	do	--	--	Sept. 1961	2.0	(1)	--	--	[2] 9.27	--	
70-77	Rowley Debris Basin	Rowley Canyon	Tujunga, Calif.	.58	.58	Jan. 1954	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	5.8	(1)	--	--	.62	--	
70-78	Ruby - Upper Debris Basin	Ruby Canyon	Sierra Madre, Calif.	.21	.21	Jan. 1954	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	5.8	(1)	--	--	5.2	--	
	do	do	do	--	--	Sept. 1961	2.0	(1)	--	--	.29	--	
70-79	Ruby - Lower Debris Basin	do	do	.10	.10	Dec. 1955	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	3.8	(1)	--	--	2.9	--	
70-80	Sawpit Debris Basin	Sawpit Creek	Monrovia, Calif.	6.34	2.84	Jan. 1955	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	4.8	(1)	--	--	4.6	--	
70-81	Sierra Madre Villa Debris Basin.	Sierra Madre Villa Canyon.	Sierra Madre, Calif.	1.46	1.46	May 1958	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	1.4	(1)	--	--	.34	--	
70-82	Spinks Debris Basin	Spinks Canyon	Monrovia, Calif.	.44	.44	Dec. 1958	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	.8	(1)	--	--	23.9	--	
70-83	Turnbull Debris Basin	Turnbull Canyon Wash	Whittier, Calif.	.99	.99	Jan. 1953	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	6.8	(1)	--	--	.28	--	
70-84	Zachau Debris Basin	Zachau Canyon	Tujunga, Calif.	.35	.35	Aug. 1956	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1959	3.2	(1)	--	--	[2] .80	--	
	do	do	do	--	--	Sept. 1961	2.0	(1)	--	--	[2] .80	--	
70-85	Ward Debris Basin (Upper)	Ward Canyon	La Crescenta, Calif.	.10	.10	Nov. 1956	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept. 1957	.8	(1)	--	--	[2] --	--	
	do	do	do	--	--	Sept. 1958	1.0	(1)	--	--	[2] 39.3	--	
	do	do	do	--	--	Sept. 1959	1.0	(1)	--	--	[2] 17.5	--	
			SAN JOAQUIN AND KEEN RIVER BASINS AND ADJACENT COASTAL DRAINAGE										
71-1	Upper Crystal Springs	Laguna Creek	San Francisco, Calif.	13.3	12.0	Jan. 1878	--	29,138	2,191	--	--	--	SCS
	do	do	do	--	--	Oct. 1935	57.8	28,159	2,117	--	1.41	--	

71-2	Atascadero Park Lake	Atascadero Creek	Atascadero, Calif.	1.0	1.0	- --	1918	--	150	150	--	--	--	SCS
	do	do	do	--	--	Nov.	1947	29	136	136	*60	0.48	627	
71-3	Hawkins	N. Fk. Los Viboras Creek	Hollister, Calif.	4.04	4.01	--	1912	--	549	136	--	--	--	SCS
	do	do	do	--	--	May	1940	28	532	132	*60	.15	196	
71-4a	Salinas	Salinas River	Santa Margarita, Calif.	111	110	--	1942	--	26,000	234	--	--	--	SCS
	do	do	do	--	--	Nov.	1947	6	25,860	233	--	.21	--	
	do	do	do	--	--	Aug.	1953	6	25,590	230	40	.41	357	
71-5	Copperopolis	Penney Creek	Copperopolis, Calif.	2.06	2.01	--	1915	--	265	129	--	--	--	SCS
	do	do	do	--	--	Aug.	1945	30	263	128	55	.034	40.7	
71-6	Crane Valley	N. Fk. San Joaquin River	Madera, Calif.	54.5	52.7	--	1901	--	45,410	833	--	--	--	SCS
	do	do	do	--	--	June	1946	45	45,028	826	*62	.161	217	
71-7	Davis	Shaw Creek	Stockton, Calif.	7.87	7.62	--	1917	--	1,421	181	--	--	--	SCS
	do	do	do	--	--	Sept.	1945	28	1,367	174	63	.251	344	
71-8	Don Pedro	Tuolumne River	Modesto, Calif.	1,001	996.5	Mar.	1923	--	289,000	289	--	--	--	SCS
	do	do	do	--	--	Nov.	1945	22.7	284,266	284	*62	.210	284	
71-9	Exchequer	Merced River	Merced, Calif.	1,027	1,022.4	Sept.	1926	--	289,000	281	--	--	--	SCS
	do	do	do	--	--	Mar.	1946	19.6	285,646	278	62	.167	226	
71-10	Gilmore	Trib. of Mormon Slough	Bellota, Calif.	5.01	4.92	Sept.	1917	--	579	116	--	--	--	SCS
	do	do	do	--	--	Aug.	1945	28	560	112	50	.132	144	
71-11	Hume	Ten Mile Creek	Fresno, Calif.	24.2	24.1	June	1909	--	1,410	58.3	--	--	--	SCS
	do	do	do	--	--	June	1946	37.0	1,383	57.1	*62	.030	40.5	
71-12	La Grange	Tuolumne River	Modesto, Calif.	1,501	[3] 1,501	Sept.	1895	--	2,332	1.6	--	--	--	SCS
	do	do	do	--	--	Oct.	1905	10.1	1,068	.7	*70	.083	127	
71-13	Lyons	S. Fk. Stanislaus Creek	Tuolumne, Calif.	40.0	39.7	June	1930	--	5,500	138	--	--	--	SCS
	do	do	do	--	--	June	1946	16	5,436	136	*70	.101	154	
71-14	McCarty	Trib. of Johnny Creek	San Andreas, Calif.	.35	.32	Dec.	1937	--	96	275	--	--	--	SCS
	do	do	do	--	--	Sept.	1945	7.7	95.5	273	*45	.300	294	
71-15	Pardee	Mokelumne River	Lodi, Calif.	[4] 387	383.5	--	1929	--	210,000	543	--	--	--	SCS
	do	do	do	--	--	Aug.	1943	14	209,183	541	*62	.152	205	
71-16	Salt Springs Valley	Rock Creek	San Andreas, Calif.	20.3	18.4	--	1882	--	12,930	637	--	--	--	SCS
	do	do	do	--	--	July	1945	63	12,697	625	*50	.201	219	
71-17	Upper Bear River	Bear River	Placerville, Calif.	28.5	28.2	Sept.	1900	--	6,712	236	--	--	--	SCS
	do	do	do	--	--	June	1946	45.8	6,690	235	*70	.017	26	
71-18	Woods Pond	Sycamore Creek	Danville, Calif.	.30	.30	--	1940	--	4.41	14.7	--	--	--	SCS
	do	do	do	--	--	--	1951	11	4.43	14.1	*80	.053	923	
71-19	St. Mary's	Walnut Creek	Walnut Creek, Calif.	3.11	2.97	--	1928	--	134.01	43.0	--	--	--	SCS
	do	do	do	--	--	--	1951	23	88.59	28.4	*45	.66	647	
71-20	Black Hills	Green Valley Creek	Danville, Calif.	.76	.76	--	1880	--	32.68	43.0	--	--	--	SCS
	do	do	do	--	--	--	1951	71	27.04	35.5	46	.11	110.2	
71-21	Lakewood	Walnut Creek	Concord, Calif.	.75	.74	--	1913	--	27.08	36.1	--	--	--	SCS
	do	do	do	--	--	--	1951	40	24.86	33.1	30	.076	49.66	
71-22	Contra Costa Country Club	Grayson Creek	Pacheco, Calif.	.20	.20	--	1934	--	5.75	28.7	--	--	--	SCS
	do	do	do	--	--	--	1951	17	5.24	26.2	40	.15	131	
71-23	Englehart Pond	Marsh Creek	Brentwood, Calif.	.033	.033	--	1945	--	1.34	40.6	--	--	--	SCS
	do	do	do	--	--	Jan.	1953	7	1.32	40.0	*60	.088	115	
71-24	C. C. Anderson Pond	do	do	.083	.083	--	1945	--	1.920	23.1	--	--	--	SCS
	do	do	do	--	--	Oct.	1952	7	1.864	22.4	*65	.096	16.98	
71-25	Upper Walter Keller Pond	do	do	.027	.027	--	1943	--	1.347	49.9	--	--	--	SCS
	do	do	do	--	--	Oct.	1952	9	1.185	43.88	*40	.682	594	
71-26	F. J. Hoey Pond	Alhambra Creek	do	.045	.045	--	1947	--	2.45	54.4	--	--	--	SCS
	do	do	do	--	--	Jan.	1953	5	2.32	51.5	*55	.578	692.38	
71-27	Lee Higgins Pond	Marsh Creek	do	.202	.199	--	1941	--	12.60	62.37	--	--	--	SCS
	do	do	do	--	--	Oct.	1953	11	12.28	60.79	*40	.15	130.68	
71-28	Souza	do	do	.319	.283	--	1946	--	176.49	55.3	--	--	--	SCS
	do	do	do	--	--	Jan.	1953	6	174.97	54.8	*30	.894	584	
71-29	Ordway	do	do	.619	.613	--	1945	--	60.9	98.3	--	--	--	SCS
	do	do	do	--	--	Jan.	1953	7	60.07	97.0	*70	.19	2,897	
71-30	North Fork	Pacheco Creek	Hollister, Calif.	66.2	66.0	--	1938	--	5,803	87.7	--	--	--	SCS
	do	do	do	--	--	Apr.	1951	12.4	5,706	86.2	*45	.12	117.61	
71-31	Teakettle No. 1 (1938-1955)	Teakettle Creek, Trib. of Kings River.	Fresno, Calif.	.77	.77	--	1938	--	.39	.51	--	--	--	FS
	do	do	do	--	--	--	1948	10	.18	.23	--	.0271	--	
	do	do	do	--	--	--	1951	3	.002	.003	--	.1100	--	
	do	do	do	--	--	--	1955	4	[5] 0	0	--	.0027	--	
71-31	Teakettle No. 1 (1956-1960)	do	do	--	--	--	1956	--	.352	.457	--	--	--	FS
	do	do	do	--	--	--	1957	1	.304	.395	--	.0592	--	
	do	do	do	--	--	--	1958	1	.268	.348	--	.0591	--	
	do	do	do	--	--	--	1959	1	.267	.347	--	.0000	--	
	do	do	do	--	--	--	1960	1	.260	.338	--	.0158	--	

[1] Capacity of debris basin varies. Debris excavated at various times.
[2] Sedimentation values as computed by Los Angeles County FCD are based on complete water year.
[3] Before construction of Don Pedro Reservoir in 1923.
[4] Excluding noncontributing areas above Salt Springs and Bear River Reservoirs.
[5] Overtopped by sediment, no measurements taken in 1956; sediment removed down to original reservoir bottom.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY		PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET							AC. FT.	TONS	
			SAN JOAQUIN AND KEEN RIVER BASINS AND ADJACENT COASTAL DRAINAGE (Continued)											
71-32	Teakettle No. 2A (1938-1955).	Teakettle Creek Trib. of Kings River.	Fresno, Calif.	0.273	0.273	--	1938	--	0.079	0.290	--	--	--	FS
	do	do	do	--	--	--	1941	3.0	.068	.250	--	.0146	--	
	do	do	do	--	--	--	1948	7.0	.050	.180	--	.0084	--	
	do	do	do	--	--	--	1951	3.0	.030	.110	--	.0320	--	
	do	do	do	--	--	--	1955[1]	4.0	.015	.060	--	.0110	--	
71-32	Teakettle No. 2A (1955-1960).	do	do	--	--	--	1956	--	.066	.242	--	--	--	FS
	do	do	do	--	--	--	1957	1.0	.058	.212	--	.0315	--	
	do	do	do	--	--	--	1958	1.0	.052	.190	--	.0238	--	
	do	do	do	--	--	--	1959	1.0	.051	.187	--	.0059	--	
	do	do	do	--	--	--	1960	1.0	.050	.183	--	.0000	--	
71-33	Teakettle No. 2 (1938-1955).	do	do	.847	.847	--	1938	--	.134	.160	--	--	--	FS
	do	do	do	--	--	--	1948	10.0	.078	.092	--	.0066	--	
	do	do	do	--	--	--	1951	3.0	.021	.025	--	.025	--	
	do	do	do	--	--	--	1955	4.0	[1] .0022	.0026	--	.0080	--	
71-33	Teakettle No. 2 (1956-1960).	do	do	--	--	--	1956	--	.101	.119	--	--	--	FS
	do	do	do	--	--	--	1957	1.0	.087	.103	--	.0190	--	
	do	do	do	--	--	--	1958	1.0	.074	.087	--	.0166	--	
	do	do	do	--	--	--	1959	1.0	.075	.089	--	[2] -.0000	--	
	do	do	do	--	--	--	1960	1.0	.072	.085	--	.0032	--	
71-34	Teakettle No. 3 (1938-1955).	do	do	.856	.856	--	1938	--	.131	.153	--	--	--	FS
	do	do	do	--	--	--	1940	2.0	.127	.148	--	.0026	--	
	do	do	do	--	--	--	1941	1.0	.109	.127	--	.0204	--	
	do	do	do	--	--	--	1948	7.0	.040	.050	--	.0112	--	
	do	do	do	--	--	--	1951[3]	3.0	.007	.008	--	.0160	--	
71-34	Teakettle No. 3 (1956-1960).	do	do	--	--	--	1956	--	.117	.136	--	--	--	FS
	do	do	do	--	--	--	1957	1.0	.103	.120	--	.0175	--	
	do	do	do	--	--	--	1958	1.0	.098	.114	--	.0074	--	
	do	do	do	--	--	--	1959	1.0	.096	.112	--	.0042	--	
	do	do	do	--	--	--	1960	1.0	.094	.110	--	.0004	--	
71-35	Teakettle No. 7 (1938-1960).	do	do	.091	.091	--	1956	(1938-56)	.222	2.440	--	--	--	FS
	do	do	do	--	--	--	1957	19.0	.181	1.989	--	.029	--	
	do	do	do	--	--	--	1958	1.0	.178	1.956	--	[2] -.013	--	
	do	do	do	--	--	--	1959	1.0	.182	2.000	--	[2] -.037	--	
	do	do	do	--	--	--	1960	1.0	.178	1.956	--	.069	--	
71-36	Pine Flat	Kings River	Sanger, Calif.	1,542	1,542	May	1952	--	1,013,400	660	--	--	--	CE
	do	do	do	--	--	Feb.	1954	[4] 1.8	1,013,290	660	*62	.04	54	
	do	do	do	--	--	Nov.	1956	[5] 3	1,011,950	660	*62	.29	392	
			SACRAMENTO, EEL, AND RUSSIAN RIVER BASINS											
72-1	Ridgewood (Walker)	Forsythe Creek	Ukiah, Calif.	5.9	5.9	--	1930	--	313	53.1	--	--	--	SCS
	do	do	do	--	--	Apr.	1949	19	282	47.8	*50	0.28	305	
72-2	Morris	James Creek	Willits, Calif.	5.22	5.16	--	1924	--	725	139	--	--	--	SCS
	do	do	do	--	--	Apr.	1949	25	696	133	*50	.22	240	
72-03	Big Canyon	Big Canyon Creek	French Town, Calif.	5.50	5.48	Nov.	1934	--	200	36.4	--	--	--	SCS
	do	do	do	--	--	Oct.	1945	11	196	35.6	44.7	.069	67.2	
72-4	Blodgett	Trib. of Cosumnes River	Sacramento, Calif.	3.12	3.05	Mar.	1940	--	258	82.7	--	--	--	SCS
	do	do	do	--	--	Oct.	1945	5.6	254	81.4	46	.217	217	
72-5	Bullards Bar	North Yuba River	Camptonville, Calif.	480	479	Oct.	1919	--	31,500	65.6	--	--	--	SCS
	do	do	do	--	--	Jan.	1939	19.2	28,893	60.2	*70	.284	433	

72-6	Combie (Van Geisen)	Bear River	Auburn, Calif.	130	129	June	1928	--	8,545	65.7	--	--	--	SCS
	do	do	do	--	--	Oct.	1935	7.3	7,840	60.3	*70	.749	1,140	
72-7a	East Park	Little Stony Creek	Stonyford, Calif.	[6] 101.5	98.9	Dec.	1910	--	[7] 48,000	473	--	--	--	SCS
	do	do	do	--	--	May	1960	49.4	39,240	--	55	[8] 1.79	[8] 2,144	
72-8	Faulke Lake (False Lake)	N. Fk. Jenney Creek	Shasta, Calif.	.71	.68	--	1851	--	130	183	--	--	--	SCS
	do	do	do	--	--	Dec.	1945	94	120	169	54	.147	173	
72-9	Gerber	Trib. of Burch Creek	Corning, Calif.	.31	.28	June	1917	--	190	613	--	--	--	SCS
	do	do	do	--	--	Dec.	1945	28.5	182	587	78.3	.971	1,656	
72-10	Magalia	Little Butte Creek	Chico, Calif.	[9] 8.23	8.08	Jan.	1918	--	3,718	452	--	--	--	SCS
	do	do	do	--	--	Jan.	1946	28	3,648	443	48.8	.307	326	
72-11a	Stony Gorge	Stony Creek	Elk Creek, Calif.	[10] 199.3	197.2	Nov.	1928	--	[11] 50,100	--	--	--	--	SCS
	do	do	do	--	--	May	1960	31.5	44,425	--	54	[8] .913	[8] 1,074	
72-12	Misselbeck	N. Fk. Cottonwood Creek	Redding, Calif.	12.0	11.8	May	1920	--	4,300	358	--	--	--	SCS
	do	do	do	--	--	Dec.	1945	25.5	4,086	341	75	.711	1,161	
72-13	Lake Pillsbury (Scott Dam)	Ell River	Potter Valley, Calif.	288	284	Dec.	1921	--	94,396	328	--	--	--	SCS
	do	do	do	--	--	May	1959	37.5	86,785	301	73	.71	1,129	
72-14	Catacoula (Bar 49)	Maxwell Creek	St. Helena, Calif.	.71	.69	--	1953	--	183.0	258	--	--	--	SCS
	do	do	do	--	--	Nov.	1958	5	181.4	255	--	.46	--	
72-15	Milliken	Milliken Creek	Napa, Calif.	10.5	10.4	--	1924	--	2,000	190	--	--	--	SCS
	do	do	do	--	--	Oct.	1958	34	1,988	189	--	.04	--	
72-16	Onion Creek No. 1	Onion Creek, Trib. of Amer. River.	Soda Springs, Calif.	.19	.19	--	1957	--	.114	.600	--	--	--	FS
	do	do	do	--	--	--	1958	1.0	.096	.505	--	.742	--	
	do	do	do	--	--	--	1959	1.0	.097	.510	--	.706	--	
	do	do	do	--	--	--	1960	1.0	.093	.489	--	.041	--	
72-17	Onion Creek No. 2	do	do	.48	.48	--	1957	--	.132	.275	--	--	--	FS
	do	do	do	--	--	--	1958	1.0	.083	.173	--	.1226	--	
	do	do	do	--	--	--	1959	1.0	.081	.169	--	.0004	--	
	do	do	do	--	--	--	1960	1.0	.069	.144	--	.0206	--	
72-18	Onion Creek No. 3	do	do	.65	.65	--	1958	--	.191	.294	--	--	--	FS
	do	do	do	--	--	--	1959	1.0	.205	.315	--	.0000	--	
	do	do	do	--	--	--	1960	1.0	.186	.286	---	.0273	--	
72-19	Onion Creek No. 5	do	do	.39	.39	--	1957	--	.177	.454	--	--	--	FS
	do	do	do	--	--	--	1958	1.0	.112	.287	--	.1248	--	
	do	do	do	--	--	--	1959	1.0	.101	.258	--	.0256	--	
	do	do	do	--	--	--	1960	1.0	.046	.118	--	.1255	--	
72-20	Onion Creek No. 7	do	do	.80	.80	--	1958	--	.0754	.0944	--	--	--	FS
	do	do	do	--	--	--	1959	1.0	.0723	.0907	--	.0069	--	
	do	do	do	--	--	--	1960	1.0	.0605	.0756	--	.0124	--	
			KLAMATH, ROGUE, AND UMPQUA RIVER BASINS											
73-1	Emigrant Gap	Emigrant Creek	Ashland, Oreg.	61.6	61.2	Oct.	1924	--	[12] 8,300	135	--	--	--	BR
	do	do	do	--	--	Oct.	1951	27	7,500	122	--	0.214	--	
			LOWER COLUMBIA RIVER BASIN AND PACIFIC COAST BASINS IN NORTHERN OREGON											
74-1	Condit (White Salmon)	White Salmon River	Underwood, Wash.	337	337	--	1913	--	1,081	3.21	--	--	--	SCS
	do	do	do	--	--	May	1936	23	[13] 1,054	3.13	--	.004	--	
74-2	Lake Harriet (Oak Grove)	Trib. of Clakamas	Portland, Oreg.	126	126	Aug.	1924	--	256	2	--	--	--	SCS
	do	do	do	--	--	Aug.	1948	24	252	2	--	.0013	--	
74-3	McKay	McKay Creek	Pendleton, Oreg.	186	184	Oct.	1926	--	73,737	396	--	--	--	SCS
	do	do	do	--	--	July	1946	19.75	73,474	395	40	.07	61	
74-4	Cottage Grove	Coast Fk. Willamette	Cottage Grove, Oreg.	104	102	Oct.	1942	--	33,000	317	--	--	--	CE
	do	do	do	--	--	Dec.	1947	5.1	32,873	316	--	.244	--	
74-5	Luther Claypool Pond	Trib. of Beaver Creek	Post, Oreg.	1.09	1.09	--	1946	--	3.79	3.48	--	--	--	SCS
	do	do	do	--	--	Oct.	1951	5	3.59	3.29	*70	.37	564	
74-6	Paul Jaegar No. 1 Pond	Trib. of John Day River	Condon, Oreg.	.625	.624	--	1943	--	1.82	2.91	--	--	--	SCS
	do	do	do	--	--	Oct.	1951	8	1.40	2.22	*70	.085	130	
74-7	Paul Jaegar No. 2 Pond	Trib. of Rock Creek	do	.468	.467	--	1946	--	3.19	6.85	--	--	--	SCS
	do	do	do	--	--	Oct.	1951	5	2.51	5.36	*70	.299	456	

[1] Sediment removed (and no measurements taken) in summer of 1956; subsequent sedimentation data on 1956-60 sheet.
[2] Loss of sediment not applicable to watershed as a whole.
[3] Last date for which significant data is available; this reservoir was held inoperative until 1956 when its sediment load was removed. Subsequent sedimentation data on 1956-60 sheet.
[4] Period of abnormal operation. Represents 0.3 year of sediment accumulation behind partially closed gates and 1.5 years of sediment depletion with wide open gates. Sediment value is residue at end of period.
[5] Represents sedimentation for 3 full runoff years because no significant inflow occurred from October 1, 1953, to February 13, 1954, or from October 1, 1956, to November 15, 1956.
[6] Natural drainage area. Flow diverted into the reservoir from Stony Gorge drainage basin after the year 1914.
[7] Spillway elevation (flashboard crest elevation capacity 50,600); U.S Bureau of Reclamation capacity curve (12-1-37); USGS Water Supply Paper 1635, Part II.
[8] Based on the natural drainage area.
[9] Excluding 3 square miles above P. G. & E. Canal.
[10] The natural drainage area less area above East Park Reservoir. Flow diverted from the basin to East Park Reservoir after the year 1914.
[11] U.S. Bureau of Reclamation capacity curve (3-31-45); USGS Water Supply Paper 1635, Part II.
[12] Capacity survey considered unreliable.
[13] Dam was raised 5 feet in 1927.
*Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ.MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			LOWER COLUMBIA RIVER BASIN AND PACIFIC COAST BASINS IN NORTHERN OREGON--Continued										
74-8	Paul Jaegar No. 3 Pond-----	Trib. of John Day River-----	Condon, Oreg.---------	0.250	0.249	-- 1944	--	3.40	12.16	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	7	2.81	11.24	*70	0.12	183	
74-9	J.M. Wilson Pond----------	Trib. of Deschutes River----	Moro, Oreg.----------	1.50	1.50	-- 1946	--	1.08	.72	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	5	.97	.65	*70	.01	15.24	
74-10	Willard Barnet Pond--------	Buck Creek----------	Kent, Oreg.----------	.210	.209	-- 1941	--	2.91	13.86	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	10	2.41	11.48	*70	.24	366	
74-11	Arthur Schmidt Pond--------	Trib. of Buck Creek---------	Shaniko, Oreg.--------	.115	.114	-- 1940	--	2.00	17.39	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	11	1.97	17.13	*70	.03	45.73	
74-12	Rock Creek Improvement Co.-	Trib. of White River--------	Tygh Valley, Oreg.----	5.62	5.60	-- 1938	--	250	44.5	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	13	[1] 247	43.9	*70	.045	68.61	
74-13	Vernon Christ Pond---------	Five Mile Creek----------	Dufur, Oreg.----------	.089	.088	-- 1941	--	1.61	18.0	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	10	1.39	15.6	*70	.227	346	
74-14	Milt J. Martin Pond--------	Mill Creek----------	The Dalles, Oreg.-----	.070	.069	-- 1944	--	2.72	38.8	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	7	2.58	36.8	*70	.29	442	
74-15	Hunt Livestock Co. Pond----	Trib. of Buck Creek---------	Shaniko, Oreg.--------	.050	.050	-- 1942	--	2.25	45.0	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	9	2.15	43.0	*70	.20	305	
74-16	Cold Springs----------	Cold Springs Canyon---------	Cold Springs, Oreg.---	188	186	Feb. 1908	--	49,709	264.4	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1951	43	44,668	237.5	78	.63	1,070	
74-17	Dorena----------	Row River----------	Cottage Grove, Oreg.--	265	262	Oct. 1949	--	77,500	292	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1958	8.9	77,150	291	--	.150	--	
			COLUMBIA RIVER BASIN (GRAND COULEE TO UMATILLA) AND PACIFIC COAST DRAINAGE IN WASHINGTON Yakima, Chelan, and Okanogan River Basins										
75-1	Diablo----------	Skagit River----------	Bellingham, Wash.-----	1,100	1,100	-- 1930	--	89,220	81.1	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1936	6	88,862	80.8	--	0.054	--	
75-2	High Valley Ranch No. 1 Pond	Wenas Creek----------	Yakima, Wash.---------	4.11	4.10	-- 1939	--	8.61	2.1	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	12	7.63	1.9	*70	.02	30.49	
75-3	High Valley Ranch No. 2 Pond	-----do----------	Ellensburg, Wash.-----	.184	.184	-- 1940	--	.58	3.15	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	11	.51	2.77	*70	.04	61.0	
75-4	High Valley Ranch No. 3----	-----do----------	-----do----------	.312	.312	-- 1940	--	1.53	4.9	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	11	1.42	4.6	*70	.03	46.0	
75-5	Henry Clerf Pond----------	Rye Grass Creek----------	-----do----------	6.47	6.47	-- 1946	--	2.38	.37	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	5	2.02	.31	*70	.01	15.24	
75-6	Coffin Sheep Co. Pond------	Naches River----------	Yakima, Wash.---------	.482	.480	-- 1939	--	2.63	5.5	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	12	2.47	5.1	*70	.027	41.16	
			COLUMBIA RIVER BASIN (INTERNATIONAL BOUNDARY TO GRAND COULEE) AND PACIFIC COAST DRAINAGE IN WASHINGTON Pendorielle, Spokane, Walla Walla, and Lower Snake River Basins										
76-1	Mrs. Weiss No. 1 Pond------	Asotin Creek----------	Asotin, Wash.---------	0.129	0.128	-- 1945	--	1.45	11.2	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1951	6	1.23	9.6	*70	0.31	473	
76-2	Mrs. Weiss No. 2 Pond------	Trib. of Asotin Creek-------	-----do----------	.218	.217	-- 1945	--	2.54	11.6	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1951	6	2.14	9.8	*70	.31	473	
76-3	Lester Reeves No. 1 Pond---	Asotin Creek N. & S. Fork---	-----do----------	.101	.100	-- 1941	--	1.45	14.3	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1951	10	1.18	11.6	*70	.027	412	

76-4	Lester Reeves No. 2 Pond---	Asotin Creek----------	-----do----------	.125	.125	--	1945	--	1.21	9.7	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	6	.69	5.6	*70	.70	1,067	
76-5	Dan Holt Pond----------	Latah Creek----------	Waverly, Wash.-------	.110	.109	--	1944	--	2.20	20.0	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1951	7	2.11	19.1	*70	.12	183	
76-6	Roy T. Wood Pond----------	Trib. of Clearwater River--	Lewiston, Idaho------	.014	.013	--	1946	--	4.22	301.0	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	5	3.87	276.4	*70	5.38	8,202	
76-7	Ed Knowlton Pond----------	-----do----------	Orofino, Idaho-------	.021	.020	--	1946	--	2.54	121	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	5	2.12	101	*70	4.20	6,403	
76-8	Weldson Wassem Pond--------	-----do----------	Nez Pierce, Idaho----	.015	.014	--	1945	--	4.58	305	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	6	4.40	283	*70	2.14	3,263	
76-9	Henry Kortemeier Pond------	Trib. of Palouse River-----	Potlatch, Idaho------	.021	.020	--	1943	--	2.71	129	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	8	2.52	120	*70	1.20	1,830	
76-10	George Hoidal Pond---------	-----do----------	Harvard, Idaho-------	.043	.042	--	1941	--	2.49	57.8	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	10	2.41	56.0	*70	.19	290	
76-11	Johanna Nelson Pond--------	-----do----------	Deary, Idaho---------	.014	.012	--	1943	--	5.16	368.6	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	8	4.97	355.0	*70	3.3	5,031	
76-12	Ed Galloway Pond----------	-----do----------	-----do----------	.014	.014	--	1944	--	1.29	92.2	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	7	1.23	87.7	*70	.64	976	
76-13	A.K. Tweedy Pond----------	Trib. of Clearwater River--	Nez Pierce, Idaho----	.014	.014	--	1931	--	.80	57.1	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	20	.62	44.2	*70	.64	976	

COLUMBIA RIVER BASIN IN CANADA

77-

SNAKE RIVER BASIN (FROM KING HILL TO GRANDE RONDE RIVER)

78-1	Orchard----------	Indian Creek----------	Boise, Idaho---------	43	42.8	--	1892	--	4,737	110	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1947	55	4,668	109	--	0.03	--	
78-2	Black Canyon----------	Payette River----------	Emmett, Idaho--------	2,750	2,540	June	1924	--	37,659	13.7	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1936	12	33,622	12.2	--	.132	--	
78-3	Pleasant Valley----------	Black's Creek----------	Boise, Idaho---------	16	16	--	1905	--	7,897	494	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1947	42	7,855	491	--	.063	--	
78-4	Arrowrock-Boise Project----	Boise River----------	-----do----------	2,211	[2] 2,170	Feb.	1915	--	279,250	128.7	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1947	32.6	271,550	125.1	73	.109	173.3	
78-5	Andy Anderson Pond---------	Wester River----------	Cambridge, Idaho-----	.614	.590	--	1905	--	104.20	169.8	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1951	46	100.67	163.9	*70	.136	207	
78-6	Milton Branch Pond---------	Trib. of Wester River------	-----do----------	.436	.424	--	1940	--	44.49	102.0	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	11	43.24	96.8	*70	.259	395	
78-7	W.B. Winninger Pond--------	-----do----------	-----do----------	.543	.538	--	1943	--	17.58	32.4	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1951	8	16.57	30.8	*70	.240	366	
78-8	Miller Smeed Pond----------	Little Willow Creek--------	Payette, Idaho-------	.218	.217	--	1945	--	2.90	13.3	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	6	2.71	12.4	*70	.147	224	
78-9	Twin Puddles Pond----------	Trib. of Boise River-------	Boise, Idaho---------	1.61	1.61	--	1941	--	7.82	4.86	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	10	7.52	4.67	*70	.02	30.49	
78-10	Lambkin Pond----------	-----do----------	Mountain Home, Idaho-	.193	.191	--	1941	--	4.54	23.5	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	10	4.49	23.2	*70	.05	76.23	
78-11	Mud Springs Pond----------	-----do----------	-----do----------	1.07	1.06	--	1939	--	12.18	11.3	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept.	1951	12	11.81	11.0	*70	.03	45.73	
78-12	J.J. Coltin Pond----------	Trib. of Powder River------	Keating, Oreg.--------	.484	.483	--	1939	--	1.08	2.23	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1951	12	.84	1.73	*70	.04	61.0	
78-13	Hawkins Pond No. 1---------	Trib. of Clover Creek------	Westfall, Oreg.-------	0.12	--	--	1952	--	1.56	13.0	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1956	4	1.52	12.7	--	.079	--	
78-14	Hawkins Pond No. 2---------	-----do----------	-----do----------	0.27	--	--	1952	--	6.94	25.7	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1956	4	6.76	25.0	--	.17	--	
78-15	Wheaton----------	Wheaton Creek----------	-----do----------	14.0	--	--	1948	--	52.27	3.75	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1956	8	31.97	2.88	--	.16	--	

[1] Reservoir was thoroughly cleaned in 1927.

[2] Does not include drainage area above Little Camas Reservoir.
* Estimated or assumed.

SUMMARY OF

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1960

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA IN SQUARE MILES		DATE OF SURVEY	PERIOD BETWEEN SURVEYS IN YEARS	STORAGE CAPACITY IN ACRE-FT.	CAPACITY WATER-SHED RATIO IN ACRE-FT. PER SQ. MI.	SPECIFIC WEIGHT (DRY) IN LBS. PER CU. FT.	AVERAGE ANNUAL SEDIMENT ACCUMULATION PER SQ. MI. FOR PERIOD		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
			SNAKE RIVER BASIN (ABOVE KINGS HILL) AND SALMON RIVER BASIN										
79-1	Rattlesnake Butte Pond-----	Big Wood River----------	Gooding, Idaho--------	4.81	4.80	-- 1943	--	25.5	5.31	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1951	8	23.89	4.96	*70	0.04	61	
79-2	Salmon Falls----------	Salmon Falls Creek----------	Rogerson, Idaho-------	1,560	1,555	-- 1910	--	229,650	147	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1955	45.0	227,282	146	*50	.034	37	
79-3	Pioneer----------	Clover Creek----------	Glenns Ferry, Idaho---	183	183	-- 1904	--	1,264	6.9	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1954	50±	898	4.9	--	.04	--	
			PUERTO RICO										
80-1	Caonillas----------	Caonillas River----------	Utuado, Puerto Rico---	[1] 48	47.9	June 1948	--	[2] 50,149	1,026	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1952	4.3	49,883	1,020	38.1	1.29	1,070	

[1] Caonillas Extension Project increases the drainage area to 85.5 square miles; put into operation during October 1952.

[2] Determined by 1952 survey.

* Estimated or assumed.

RESERVOIR SEDIMENT DATA SUMMARY
SCS-34 Rev. 6-62

Conchas Reservoir
NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

47-1
DATA SHEET NO.

DAM

1. OWNER Dept of Army, C of E	2. STREAM Canadian	3. STATE New Mexico
4. SEC. Pablo TWP. Montoya RANGE Grant 1/	5. NEAREST TOWN Newkirk	6. COUNTY San Miguel
7. STREAM BED ELEVATION 4040	8. TOP OF DAM ELEVATION 4240	9. SPILLWAY CREST ELEV. 4218

RESERVOIR

10. STORAGE ALLOCATION	11. ELEVATION TOP OF POOL	12. ORIGINAL SURFACE AREA ACRES	13. ORIGINAL CAPACITY ACRE-FEET	14. GROSS STORAGE ACRE-FEET	15. DATE STORAGE BEGAN
a. MULTIPLE USE					
b. FLOOD CONTROL	4218	13,715	201,834	601,112	1 Jan 1939
c. POWER					
d. WATER SUPPLY					16. DATE NORMAL OPER. BEGAN
e. IRRIGATION					
f. CONSERVATION	4201	10,073	296,412	399,278	Jan 1939
g. SEDIMENT					
h. INACTIVE	4155	3,520	102,866	102,866	

17. LENGTH OF RESERVOIR Canadian Arm 23 2/ MILES | AV. WIDTH OF RESERVOIR 4200 Contour, 0.75 MILES

WATERSHED

18. TOTAL DRAINAGE AREA 7,350 SQ. MI.	22. MEAN ANNUAL PRECIPITATION (38 yrs) 16.8 INCHES
19. NET SEDIMENT CONTRIBUTING AREA 6,950 SQ. MI.	23. MEAN ANNUAL RUNOFF 0.54 3/ INCHES
20. LENGTH 100 MILES / AV. WIDTH 73 MILES	24. MEAN ANNUAL RUNOFF (44 yrs) 213,400 AC.-FT.
21. MAX. ELEV. 13,000 / MIN. ELEV. 4,040	25. CLIMATIC CLASSIFICATION Semi-arid

SURVEY DATA

26. DATE OF SURVEY	27. PERIOD YEARS	28. ACCL. YEARS	29. TYPE OF SURVEY	30. NO. OF RANGES OR CONTOUR INT.	31. SURFACE AREA ACRES	32. CAPACITY ACRE-FEET	33. C/W RATIO AC.-FT. PER SQ. MI.
1 Jan 1939			Contour	10 feet	13,715	601,112	82
May 1940	1.4		Range	14 ranges		599,712	82
June 1942	2.1	3.4	Range	24 ranges		585,112	80
Nov 1942	.4	3.8	Range	28 ranges		581,112	79
Oct 1944	1.9	5.7	Contour	10 feet	13,349	576,756	78
Feb 1949	4.3	10.1	Contour	10 feet	13,552	566,163	77

26. DATE OF SURVEY	34. PERIOD ANNUAL PRECIPITATION	35. PERIOD WATER INFLOW ACRE-FEET			36. WATER INFL. TO DATE AC.-FT.	
		a. MEAN ANNUAL	b. MAX. ANNUAL	c. PERIOD TOTAL	a. MEAN ANNUAL	b. TOTAL TO DATE
May 1940	14.26			114,264		114,264
June 1942	22.40	652,279	963,370	1,369,786	436,485	1,484,050
Nov 1942	12.50			457,288	510,878	1,941,338
Oct 1944	14.32			235,603	381,919	2,176,941
Feb 1949	13.68	122,942	154,702	528,651	266,536	2,705,592

26. DATE OF SURVEY	37. PERIOD SEDIMENT DEPOSITS ACRE-FEET			38. TOTAL SED. DEPOSITS TO DATE ACRE-FEET.		
	a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	a. TOTAL TO DATE	b. AV. ANNUAL	c. PER SQ. MI.-YEAR
May 1940	1,400			1,400	1,000	.144
June 1942	14,600	6,952	1.000	16,000	4,710	.677
Nov 1942	4,000			20,000	5,260	.757
Oct 1944	4,360	2,290	.330	24,360	4,280	.615
Feb 1949 4/	10,600	2,460	.354	34,950	3,460	.498
	(11,250)	(2,610)	(.376)	(35,600)	(3,520)	(.506)

26. DATE OF SURVEY	39. AV. DRY WGT. LBS, PER CU. FT.	40. SED.DEP. TONS PER SQ. MI.-YR.		41. STORAGE LOSS PCT.		42. SED. INFLOW PPM	
		a. PERIOD	b. TOTAL TO DATE	a. AV. AN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE
May 1940	75.7		255	.17	.23	14,863	14,863
June 1942	75.7	1,648	1,116	.78	2.66	12,930	13,079
Nov 1942	75.7		1,248	.88	3.33	10,612	12,498
Oct 1944	75.7	544	1,014	.71	4.05	22,429	13,573
Feb 1949 4/	75.7	584	821	.58	5.81	24,325	15,671
		(620)	(834)	(.59)	(5.92)	(25,816)	(15,962)

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET ABOVE, AND BELOW, CREST ELEVATION										
	178-128	128-108	108-88	88-68	68-58	58-48	48-38	38-28	28-17	17-CRST	CRST-12
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION										
May 1940											
June 1942											
Nov 1942											
Oct 1944	16	4	7	10	6	10	15	16	16		
Feb 1949	13	4	5	9	5	7	11	14	14	16	2

26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR														
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120	-125
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														
May 1940	(/114	/23	/ 3	-26	-16	/ 2	South Canadian Arm								
	(/30	/22	/ 7	/10	/18	/13	Conchas Arm								
June 1942	(/ 6	/ 3	/ 4	/ 4	/22	/14	/27	/18	/ 2	South Canadian Arm					
	(/20	/21	/12	-12	/13	/27	/ 5	/14		Conchas Arm					
Nov 1942	(/ 6	/ 2	/ 5	/ 8	/16	/16	/29	/16	/ 2	South Canadian Arm					
	(- 1	0	/ 1	/ 2	/19	/57	/ 5	/14	/ 3	Conchas Arm					
Oct 1944															
Feb 1949															

45. RANGE IN RESERVOIR OPERATION

WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW AC.-FT.
1939 (9 mo)	4147.00			1945	4197.20	4194.22	97,957
1940	4154.25	4147.05	46,835	1946	4201.13	4192.05	137,573
1941	4206.14	4153.10	993,933	1947	4202.46	4199.00	129,329
1942	4208.41	4197.75	1,147,300	1948	4201.46	4195.63	154,702
1943	4200.19	4197.86	172,956				
1944	4201.71	4194.46	158,836				

(The April 1941 flood filled the conservation pool, which has remained full most of the time since that date with overflows resulting from floods of September 1941, April and September 1942, and October 1947.)

46. ELEVATION-AREA-CAPACITY DATA

ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY
	Acres	Acre-feet		Acres	Acre-feet		Acres	Acre-feet
4230	16,396	746,091	4170	4,917	151,721	4120	1,038	19,094
4218	13,552	566,163	4160	3,774	108,479	4110	676	10,610
4201	9,593	370,185	4150	2,892	75,305	4090	250	1,847
4190	7,666	275,641	4140	2,153	50,150	4073.5	0	0
4180	6,123	206,909	4130	1,532	31,823			

47. Report: Interim Report on Sedimentation in Conchas Reservoir, South Canadian River, New Mexico, September 1943.

47. REMARKS AND REFERENCES Average of all samples secured from reservoir area has the following gradation:

MIT Classification	Clay	Fine Silt	Medium Silt	Coarse Silt	Fine Sand	Medium Sand	Coarse Sand
Percent	23	14	19	21	17	5	1

1/This area has not been subdivided.

2/Conchas Arm, 13.8 miles. In each case, lengths are those along original channel, to intercept at elev. 4230.

3/This figure affected by water taken out above reservoir for irrigation.

4/Figures in parentheses pertain to deposits above and below spillway crest.

48. AGENCY MAKING SURVEY

49. AGENCY SUPPLYING DATA Dept. of the Army, Corps of Engineers, Albuquerque District.

50. DATE 11 October 1949

RESERVOIR SEDIMENT DATA SUMMARY

NAME OF RESERVOIR

DATA SHEET NO.

DAM

1. OWNER	2. STREAM	3. STATE
4. SEC. TWP. RANGE	5. NEAREST TOWN	6. COUNTY
7. STREAM BED ELEVATION	8. TOP OF DAM ELEVATION	9. SPILLWAY CREST ELEV.

RESERVOIR

10. STORAGE ALLOCATION	11. ELEVATION TOP OF POOL	12. ORIGINAL SURFACE AREA ACRES	13. ORIGINAL CAPACITY ACRE-FEET	14. GROSS STORAGE ACRE-FEET	15. DATE STORAGE BEGAN
a. MULTIPLE USE					
b. FLOOD CONTROL					
c. POWER					
d. WATER SUPPLY					16. DATE NORMAL OPER. BEGAN
e. IRRIGATION					
f. CONSERVATION					
g. SEDIMENT					
h. INACTIVE					

17. LENGTH OF RESERVOIR MILES	AV. WIDTH OF RESERVOIR MILES

WATERSHED

18. TOTAL DRAINAGE AREA SQ. MI.	22. MEAN ANNUAL PRECIPITATION INCHES
19. NET SEDIMENT CONTRIBUTING AREA SQ. MI.	23. MEAN ANNUAL RUNOFF INCHES
20. LENGTH MILES / AV. WIDTH MILES	24. MEAN ANNUAL RUNOFF AC.-F T.
21. MAX. ELEV. / MIN. ELEV.	25. CLIMATIC CLASSIFICATION

SURVEY DATA

26. DATE OF SURVEY	27. PERIOD YEARS	28. ACCL. YEARS	29. TYPE OF SURVEY	30. NO. OF RANGES OR CONTOUR INT.	31. SURFACE AREA ACRES	32. CAPACITY ACRE-FEET	33. C/W RATIO AC.-FT. PER SQ. MI.

26. DATE OF SURVEY	34. PERIOD ANNUAL PRECIPITATION	35. PERIOD WATER INFLOW ACRE-FEET			36. WATER INFL. TO DATE AC.-FT.	
		a. MEAN ANNUAL	b. MAX. ANNUAL	c. PERIOD TOTAL	a. MEAN ANNUAL	b. TOTAL TO DATE

26. DATE OF SURVEY	37. PERIOD SEDIMENT DEPOSITS ACRE-FEET			38. TOTAL SED. DEPOSITS TO DATE ACRE-FEET.		
	a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	a. TOTAL TO DATE	b. AV. ANNUAL	c. PER SQ. MI.-YEAR

26. DATE OF SURVEY	39. AV. DRY WGT. LBS. PER CU. FT.	40. SED.DEP. TONS PER SQ. MI.-YR.		41. STORAGE LOSS PCT.		42. SED. INFLOW PPM	
		a. PERIOD	b. TOTAL TO DATE	a. AV. AN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET ABOVE, AND BELOW, CREST ELEVATION											
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION											

26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR														
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120	-125
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														

45. RANGE IN RESERVOIR OPERATION

WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW AC.-FT.	WATER YEAR	MAX, ELEV.	MIN. ELEV.	INFLOW AC.-FT.

46. ELEVATION–AREA–CAPACITY DATA

ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY

47. REMARKS AND REFERENCES

48. AGENCY MAKING SURVEY

49. AGENCY SUPPLYING DATA

50. DATE _____

Index number corresponds to first of two numbers in summary table, which appear in column headed "Data Sheet No."

INDEX OF RIVER BASIN MAPS

U.S. GOVERNMENT PRINTING OFFICE : 1964 O—732-259